

Memorandum of Understanding

**Memorandum of Understanding**

Between

**Coimbatore Institute of Technology**

And

**Sprout Knowledge Solutions Pvt. Ltd.**

**24<sup>th</sup> April, 2024**

## Memorandum of Understanding

This Agreement made and entered into and is effective from 24.04.2024 by and between, Coimbatore Institute of Technology, and its registered address at Avinashi Rd, Civil Aerodrome Post, Coimbatore, Tamil Nadu 641014 (herein referred as "CIT"), duly represented by Dr. A. Rajeswari, Principal, (which expression shall unless it be repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) of the First part

### And

Sprout Knowledge Solutions Private Limited, a company registered under the Companies Act 1956 having its registered office at 381, Light House Road, Coimbatore - 641001, (herein referred as "Sprout") and represented by the Director and Authorized Signatory R.J.Senthil Kumar (which expression shall unless it be repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) of the Second part

### WHERE AS

The Purpose of this MOU is to establish initial agreement between Sprout & CIT to launch the **Ready for Future ("RF")** initiatives for the students of CIT which includes,

- Start Up Workshops and Mentorship Programmes
- Internship & Placements for Students of College who belong to various departments.
- Upskilling Courses or Programmes for the students of the College.
- Other Career Oriented activities or Programmes.
- Partnering for R&D, Journals, International Courses.

The Objective of the RF Programme is to make the Students **Future Ready** and achieve the following attributes with the students,

- Critical Thinking
- Confidence
- Creativity
- Communication
- Collaboration

Both the Parties above named have therefore agreed upon to a broad consensus and have arrived at this juncture to have all the terms and conditions construed in the discussions and reduce it into writing, the understanding upon which both the parties have conceded to.

#### **NOW THIS MOU WITNESSETH AS UNDER**

##### **Scope of the MoU:**

Coimbatore Institute of Technology, Coimbatore hereby agrees to host the Ready for Future Programmes being offered by Sprout.

##### **Role of Sprout**

Sprout will offer the following Programmes as part of this agreement.

##### **# Start Up Programmes.**

Sprout will offer the Start Up Workshops, Seminars / Webinars, Mentorships to students which includes identifying the potential startups from the students, providing necessary guidance & connects etc. Sprout will also guide students to make the investment pitch, identify markets, product management etc.

##### **# Internship & Placements**

Sprout will offer Internship for the select students from various departments of College. During the Internship, Sprout will provide training & applicable exposure to the students in the various departments of Sprout viz Technical, Business Development, Operations, Alliances etc. The Internship period will be discussed and mutually agreed between Sprout & CIT.

At the successful completion of Internship, the students will be assessed and certified by Sprout. The details of the assessments & the student activities during Internship will be shared by Sprout to CIT.

Sprout shall offer placement to potential candidates based on the requirements and student performance in the interviews. The jobs which shall be offered in various departments of Sprout viz Business Development, Software Projects Development, Operations, Training division etc.

### **# Upskilling Courses**

Sprout shall offer various upskilling courses for the Students which will help the students to be Future Ready. The courses will be both Technical & Non-Technical. The details of the courses like Syllabus, Duration, Cost if any, Deliverables, Assessments & reports to be offered will be mutually discussed and agreed between Sprout & CIT and will be added as addendum to this MOU.

### **# R&D Partnerships for R&D, Journals, International Courses**

Sprout shall work partner with college for any special services like R&D Projects, Journals, Launch of Co Branded Certifications for International Students.

### **# Career Oriented Activities**

Sprout shall also launch the following Special initiatives or Programme for the students of the college which will help in their Career

### **Role of CIT**

- Shall work along with Sprouts solution in acquiring eligible candidates for taking up the Training & smooth conduct of the course.

### **Programme Operations**

Sprout & CIT shall mutually discuss and agree upon details, launch and execution of the Programmes which is a part of RF initiatives.

#### **1. Reporting:**

Sprout team shall share a periodic report on the progress of the Programmes which have been launched to the representatives of the College. Sprout shall share the Periodical assessments of the students and results.

#### **2. Confidential Information & Ownership**

Sprout shall have the Sole Ownership of the Content of the Courses or Content of the Programmes offered by Sprout to CIT students.

CIT shall have the Sole Ownership of the Content or Materials provided by CIT for the Programmes offered.

### General Obligations

Both Sprout and CIT agree that either party will not recruit / employ the employees of the other party without the written permission of the original party.

### 3. Law

This Agreement shall be governed and construed in accordance with the laws of India.

### 4. Agreement Period & Duration

This agreement is valid for a period of 1 Year from the date of Signing of this agreement by both the parties and shall automatically renew for successive one-year terms unless terminated by either Party upon at least 60 days' written notice prior to the end of the then-current term. Either party can terminate this agreement in written communication by providing 60-days' notice period. During the notice period it is agreed that both the parties will work towards a smooth transition, clear any pending deliveries for that particular period, clear pending dues if any.

In witness whereof, CIT and Sprout have caused this Agreement to be executed by their duly Authorised representatives:

For

**Coimbatore Institute of Technology**

Signed by



Dr. A. Rajeswari

Principal

Date

For

**Sprout Knowledge Solutions Private Limited**

Signed by



Mr. R. J. Senthil Kumar

Director

Date

# COIMBATORE INSTITUTE OF TECHNOLOGY

(A Government Aided Autonomous Institution Affiliated to Anna University & Accredited by NBA & NAAC)

## Institutions Innovation Council

### Department of Computing

## MSc . Artificial Intelligence and Machine Learning

A Report of

**Workshop on**

**“Power BI : From Beginner to Pro – A Deep Dive into Features and Functionality”**

By

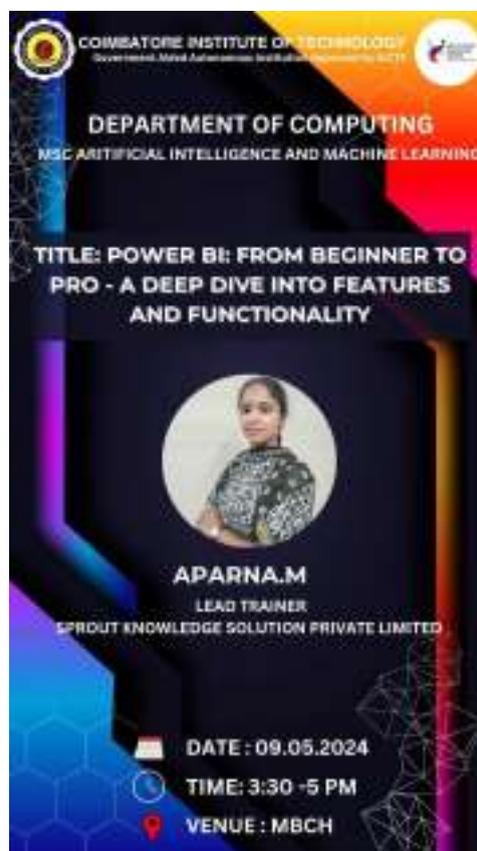
**Aparna M,**

Lead Trainer

SPROUT Knowledge Solution Pvt . Ltd

**Total number of participants: 53**

May 9<sup>th</sup> , 2024



The following topics were discussed :

- Introduction to Power BI
- Basics of Power BI
- Functionalities and Features of Power BI
- Internship Talk

## **Power BI :**

Power BI is a Business Intelligence tool developed by Microsoft for Easier Data Visualization and creation of interactive dashboards and creative reports

Widely used in the fields that are very much related to wide range of datas such as sales and marketing to present the sales data in a presentable format , used Finance to present the budget , turnover , growth of funds , etc and also used in Health care to resent a report on patient's Health .

### **Basics of Power BI :**

There are three variations of Power BI based on certain price ranges :

- Power BI desktop – Free issue
- Power BI Pro – Subscription issue
- Power BI Premium – Subscription issue

### **Functionalities and Features of Power BI :**

#### **Functionalities :**

- Used to create Reports
- Used to create Dashboards

#### **Features :**

- Data can be imported from a Wide range of means such as excel , SQL
- Seamless Creation of Graphs and Charts just by selecting the Data columns and type of chart needed

## **Knowledge Obtained**

In the sessions, we explored Power BI, a robust Business Intelligence (BI) tool developed by Microsoft, designed to simplify data visualization and the creation of interactive dashboards and reports. Power BI is widely used in fields such as sales, marketing, finance, and healthcare, where large volumes of data need to be transformed into understandable and actionable insights. We learned about the three variations of Power BI: Power BI Desktop, which is free and suitable for individual users and basic data analysis; Power BI Pro, a subscription-based service offering advanced features and enhanced collaboration capabilities; and Power BI Premium, a subscription tier aimed at large organizations requiring extensive data analysis and reporting functionalities. The training also covered key functionalities like creating reports and dashboards, and essential features such as importing data from multiple sources like Excel and SQL databases, and effortlessly generating various types of graphs and charts by selecting data columns and chart types.

## Benefits in Terms of Learning/Skill/Knowledge Obtained

The training on Power BI significantly enhanced our data visualization skills, enabling us to transform complex datasets into clear, comprehensible, and actionable insights. This skill is particularly valuable in any data-driven industry, as it improves the ability to communicate findings effectively to stakeholders. Moreover, it sharpened our analytical abilities by allowing us to manipulate data, identify trends, and make informed decisions based on data analysis, which is crucial for roles in finance, marketing, and operations. Mastering Power BI, one of the leading BI tools, has made us more attractive in the job market, as many organizations prioritize candidates who can leverage BI tools to drive business performance. Additionally, our ability to import and integrate data from various sources, such as Excel and SQL databases, has increased our versatility in handling diverse datasets and performing comprehensive data analysis. The practical experience gained in creating reports and dashboards will be directly applicable in professional settings, benefiting roles that require regular data presentation and reporting, such as business analysts and data scientists. Lastly, understanding how Power BI is utilized across different industries, such as healthcare, finance, and sales, has provided us with valuable insights into its practical applications, helping us recognize how BI tools can address specific industry challenges and enhance operational efficiency.









## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (“**MOU**”) is entered into this 21<sup>st</sup> March 2024 (“**Effective Date**”).

### BY & BETWEEN

**Information Data Systems, Inc.**, USA registered office at 4000 Livernois Road, Troy, MI 48098 or its Indian subsidiary having its registered office at Trendz Utility, Plot No.25, Survey No.37- 41, 3rd Floor, Gafoor Nagar, Vittal Rao Nagar, Madhapur, Hyderabad - 500081 (hereafter referred as “**IDS**”), which expression shall, unless repugnant to the context, be deemed to include its authorized representatives, permitted assigns and successors-in-interest

**Coimbatore Institute of Technology**, Avinashi Rd, Civil Aerodrome Post, Coimbatore, Tamil Nadu 641014, (hereafter referred as “**User**”) which expression shall, unless repugnant to the context, be deemed to include its authorized representatives, permitted assigns and successors-in-interest.

IDS and the User shall hereafter be collectively referred as ‘**Parties**’, and individually as ‘**Party**’. WHEREAS:

1. IDS is engaged in the business of Digital transformation of various businesses, by providing IT products & services, including but not limited to emerging technologies like AI, Blockchain, Cloud and Internet of Things, thereby enabling governments and enterprises across the world in their Digital Transformation through Industry 4.0 technologies.
2. IDS desires to provide Users access to the Bharat Blockchain Network (“**BBN/ Network**”), a Permissioned Blockchain Network powered by IDS and supported by the All India Council for Technical Education (“**AICTE**”). The BBN seeks to establish a scalable, secured and service-based Blockchain Network, which can be leveraged by Government, Academia and Industries for research and development of decentralized applications for the benefit of Bharat Blockchain Ecosystem. The Network seeks to provide infrastructure services for testing deployment of proof-of-concept, pilots and production grade deployments or testing applications as accepted by the consortium governance body (“**Services**”).
3. IDS therefore, desires to provide the User with access to the BBN by means of deployment of validator node(s) in order to enable Users to avail the services provided under the BBN Network, on the terms and conditions agreed hereunder.



**NOW THEREFORE BE IT RESOLVED**, in consideration of mutual covenants, promises, warranties and other good and valuable consideration set forth herein, the Parties, with intent to be legally bound, hereby agree as follows:

## 1. DEFINITIONS:

- 1.1. **“MOU”** shall have the meaning as this MOU and includes recitals set out herein above, and all statements, schedules, Annexures and/or exhibits, if any, that may be annexed hereto from time to time.
- 2.1. **“Confidential Information”** for the purpose of this MOU shall mean any and all materials and information concerning the disclosing Party, including without limitation its directors, officers, employees, affiliates, subsidiaries and/or group companies, vendors, users and Users or any third party with which the disclosing Party’s associates (collectively, “Affiliates”), disclosed by the disclosing Party to the receiving Party whereby the information is revealed by any method, oral or written whether or not, whether such information is expressly marked or designated as confidential information or not and the information, including without limitation any information with regard to the concerned clinical trials, Products, terms of this MOU, Intellectual Property, trade secrets, computer programs, software (including source code, object code and machine code) relating to the foregoing, technical drawings, algorithms, know-how, operating procedures, processes, designs, reports, specifications, ideas, trade secrets, inventions, schematics, pricing information, and other technical, business, financial, user and product development plans, financial condition and projections; business, marketing or strategic plans; User/ User lists; User/ User data and related information, product prototypes and designs, strategies or any other non-public information disclosed by or related to the disclosing Party, or where such information is reasonably understood to be confidential or proprietary based on the circumstances of disclosure or the nature of the information itself;
- 3.1. **“Force Majeure”** refers to any event or occurrence which results in either or both Parties are unable to perform their obligations under this MOU, without the fault, delay or negligence in performance of the Parties. Events that may termed as force majeure events are including but not limited to fire, flood, strike, civil, governmental or military authority, act of God, acts of the public enemy or governmental authority in its sovereign or contractual capacity (including but not limited to declaration of lockdown), war, terrorism, epidemics, pandemics, civil unrest or riots, and/or power outage or grid failure or other similar causes beyond its control and without the fault or negligence of the delayed or non performing party or its affiliates/subcontractors.
- 4.1. **“Intellectual Property”** means any and all intellectual property worldwide arising under statutory law, common law or by contract and whether or not perfected, including without limitation, all: (i) patents, patent applications and patent rights; (ii) rights associated with works of authorship including copyrights whether registered or unregistered, copyright applications, copyright registrations, (iii) trademarks and service mark and trade names (iv) registered designs, design applications, design rights (v) rights of publicity, priority, moral rights, trade secrets, know-how, inventions and any other form of intellectual property rights (vi) any other rights protected rights or assets and any licenses and permissions in connection therewith, trademarks,



Trade names, logos, service marks, designs and other designations of source, recognized in any country or jurisdiction of the world, whether or not registered or able to be registered and for the full period thereof (vii) any rights analogous to those set forth in this clause and any other proprietary rights relating to intellectual property; and (viii) any renewals, reissues and extension of the foregoing now existing, hereafter filed, used or acquired, and whether registered or unregistered.

2. **SCOPE:** The main scope of the Agreement is to cover the relationship and set out the cooperation terms between the Parties and the User's registration on the BBN Network in the manner provided in Annexure I, upon which the User can avail the services provided on the BBN Network.

### 3. REPRESENTATIONS AND WARRANTIES:

Each party represents, undertakes and warrants that:

- 3.1. That the parties have the right, power and authority to enter into, execute and fully perform its obligations pursuant to this MOU.
- 3.2. This MOU is legally binding upon it, enforceable in accordance with its terms, and does not conflict with any agreement, instrument or understanding, oral or written, to which it is a party or by which it may be bound, nor violate any material law or regulation of any court, governmental body or administrative or other agency having jurisdiction over it.
- 3.3. To the fullest extent permitted by applicable law, IDS, for itself and its affiliates, hereby disclaims any and all warranties with respect to any and all content, features and functions made available on or through the BBN, including without limitation any and all warranties of merchantability, fitness for a particular purpose, title, accuracy of data and no infringement. The BBN is provided on an "as is" and "as available" basis. IDS is not responsible for and makes no representations or warranties with respect to, delivery, integrity or visibility to third parties of any messages or other information sent through the BBN to anyone. IDS and its affiliates are not responsible for and do not warrant, guarantee, recommend, or endorse, as applicable (i) the accuracy, quality or effectiveness of any content, including any submission by any User, (ii) any translation of original content, (iii) the success of any project or collaboration with another User or other third party that may result from a submission or from interactions with other users or third parties, or (iv) that the BBN or the services will function without interruption or errors in functioning. In particular, the operation of the BBN and the services may be interrupted due to maintenance, updates, or system or network failures. IDS, disclaims any and all liability for damages caused by any such interruption or errors in functioning.
- 3.4. The User acknowledges that it assumes any and all liability for any content that is provided using its User Identification credentials. The User is solely responsible for the activity that occurs through your User



Identification details, including the transactions it accepts and/or rejects, and that it must keep its User Identification details/credentials secure.

- 3.5. The User agrees that if it is registering to use the Network on behalf of an organization or other legal entity, then by doing so it represents that it has the authority to bind the legal entity, and that the legal entity is duly organized, validly existing and in good standing. The User also agrees that the legal entity will be bound by the terms and conditions laid down in this Agreement, and responsible for any breach thereof, and failure to accept and adhere to the said terms and conditions will bar the User from availing the services provided on the Network.
- 3.6. The User agrees to assume responsibility for all its activity on the BBN and shall abide by all applicable local, state and national laws and regulations in connection with its use of the Services, including those related to data privacy, international communications and the transmission of technical, financial or personal data.
- 3.7. The User agrees that in the event of any unauthorized use of its User Identification credentials on the Network, to notify IDS immediately of such unauthorized use, its validator node, any password, or any of your registration information, and/or any other known or suspected breach of security; and report the same to IDS. The User shall use reasonable efforts to stop immediately any copying or distribution of Content that is known or suspected by the User to infringe the intellectual property rights of any other third party or is otherwise illegal, inappropriate and/or in violation of any provision of this MOU.
- 3.8. The User agrees that it will not duplicate, license, sublicense, publish, broadcast, transmit, distribute, perform, display, sell, rebrand or otherwise transfer information or Content found on BBN (excluding submissions from User) except as expressly permitted by this MOU, falsify or delete any author attributions, legal or other notices or proprietary designations or labels of the originator source of software, Content or other material contained in a file that is uploaded; damage, disable, restrict or inhibit any other User from using and enjoying the Services; violate any code of conduct or other guidelines which may be applicable for any particular Service, including IDS guidelines in respect of prohibited practices; violate any applicable laws or regulations.
- 3.9. The User represents and warrants to IDS that it will not use the Network for any purpose that is unlawful or prohibited under any applicable law or by this MOU. The User also acknowledges that the Network and the Services are provided for professional use only and in registering as a User, it acknowledges that the Services and any Content may not be used for personal, family, or household purposes.



#### **4. RIGHTS OF IDS:**

- 4.1. BBN and the Services are provided by IDS for free and solely as an accommodation. IDS, reserves the right to discontinue the Network and the Services provided thereunder, in whole or in part, to accept or deny any Registration, and to terminate any Registration and its associated User Identification, at any time in its sole discretion for any reason or no reason.
- 4.2. IDS retains the right to, monitor, review, evaluate, edit, filter or validate any Content, to verify the identity of the persons/entities who register on the BBN or to monitor the use of the Services, and IDS reserves the right to deny, restrict, suspend or terminate your access to all or any part of the BBN or the Services at any time, if IDS suspects that these terms of reference might have been violated, with or without prior notice or explanation, and without liability.

#### **5. RIGHTS OF THE USER:**

- 5.1. The User shall, subject to completion of the registration on the BBN in the manner laid in Annexure I, and upon deployment of the validator node by IDS, shall have the right to access the BBN Network and the services provided on the Network.
- 5.2. Upon acceptance of the User's registration by IDS, the User will be assigned a User Identification code, whereupon the User will have access to various Content and system resources associated with the User Identification, as determined by IDS at its sole discretion, which may include designated directories, designated contact person, web pages, e-mail or other capabilities, information storage, and/or types of transactional data to be sent to the network, and which may be changed, terminated, increased or decreased by IDS, at its sole discretion, from time to time.

#### **6. ROLES & RESPONSIBILITIES OF THE USER:**

- 6.1 The User shall be responsible for monitoring any activity of its validator node, whether or not such activity has taken place at the behest of the User, or has been authorized by the User.
- 6.2 It shall be the User's responsibility to store, maintain or provide you a copy of any Content or Submission that User or its authorized personnel/persons provide when using the Services on the Network, whether during the term of its registration or upon or after its termination of the same.
- 6.3 The User is solely responsible for making backup copies of the transactional data and any electronic communications sent or received by you using the Services.
- 6.4 The User's Validator nodes are required to participate in the consensus protocol of BBN and must not veto or blacklist any transaction or transactional data sent by any other node except if it is believed that the transaction or transactional data might be violating the Terms and Conditions for BBN Networks for Writer Nodes or the Terms and Conditions for BBN Networks for Validator Nodes. If the User decides to reject a transaction, it



- must immediately communicate it to the IDS via email through one of the contact persons designated within the User's organization. Further, the validator nodes are not permitted to generate any transactional data to be sent to the BBN Test Network.
- 6.5 The User shall furnish to IDS, the complete data or information about the administration, operation and performance of its node in connection to the BBN. It shall also provide to IDS the information about the entities and point of contacts directly responsible for its node. Further, it shall provide to IDS all information about the activity of its node, including performance and the transactions from third parties accepted or rejected.
- 6.6 The User shall provide IDS with feedback about BBN consisting of, without limitation, the User's suggestions, comments or any other feedback, whether it is required or provided voluntarily. If the User provides IDS with any Feedback, as part of the testing and evaluation of BBN, the User thereby agrees that:
- 6.6.1 IDS may freely use, disclose, reproduce, license, distribute and otherwise commercialize the Feedback in any product, specification or other documentation; and
- 6.6.2 The User will not give IDS any Feedback (i) that the User has reason to believe is subject to any patent, copyright, or other intellectual property claim or right of any third party; or (ii) that is subject to license terms that seek to require any IDS product incorporating or derived from any Feedback, or other IDS intellectual property, to be licensed to or otherwise shared with any third party;
- 6.6.3 No compensation will be paid to the User or any third party with respect to the provision of feedback.
- 6.7 IDS, reserves its rights to unilaterally deny or revoke access to the BBN, if the User is found to be engaging in any fraudulent, illegal and/or unethical activities, an exemplary and non-exhaustive list of which is laid down in Annexure II. Should the User intend to make any changes related to the contact persons, the third parties using the validator node or any other matter that affects these Terms and Conditions, it must be communicated to and approved by the IDS.
- 6.8 As service continuity of validator nodes is essential for the stability of the Network, if the User plans to disconnect its validator node, the User shall notify IDS at least five (5) labor days prior, via email from one of the contact persons designated by the User, to [info@idssoft.com](mailto:info@idssoft.com)
- 6.9 The User shall be entirely responsible for the operation of its validator node and the use of BBN infrastructure. Under no circumstance will the User transfer or delegate its responsibilities hereunder to any third person/third party. If the User desires to allow any third party to use its validator node, the User(i) must notify IDS in writing, (ii) must obtain authorization from IDS in writing, and (iii) will take full responsibility for any use of its validator node by the third party.
- 6.10 The User, as an operator of a validator node, is not responsible for any data or transactions sent to the BBN by any other node even if that information might violate the Terms and Conditions for BBNs for Writer Nodes, or the Terms and Conditions for BBNs for Validator Nodes unless the User has in any way contributed, or is involved or related, directly or indirectly, to those transactions or the node that generated the same.



## 7. INTELLECTUAL PROPERTY RIGHTS

- 7.1. All the Intellectual Property pertaining to the BBN Network, as well as the services provided on the Network, including but not limited to trademarks, copyrights and designs, shall at all times vest with IDS, and no interest or title thereof shall vest with the User.
- 7.2. The Parties agree that any and all Intellectual Property developed by the User while using the services provided on the Network shall at all times vest with IDS.

## 8. TERMINATION:

- 8.1. IDS shall be entitled to terminate this MOU at any time and for any reason or no reason by giving advance notice to the User, of one month, in writing.
  - 8.2. Either Party shall be entitled to terminate this MOU by way of written notice if the other Party commits a material breach of any provisions of this MOU. Provided that, if such breach is capable of remedy, the same shall be construed as a material breach only if it has not been remedied within 30 (Thirty) days of service of the written notice from either Party to the other Party specifying the breach and requesting that such breach be remedied.
  - 8.3. This MOU shall immediately terminate, without notice, upon the liquidation, dissolution or discontinuance of the business of either Party in any manner, the filing of any petition by or against either Party under bankruptcy or insolvency laws, if any Party is convicted of any crime or offense, fails or refuses to comply with the written policies or reasonable directives of the other Party, or is guilty of serious misconduct in connection with its performance under this MOU
  - 8.4. Upon termination or expiry of this MOU,
    - a. Each Party shall return or destroy, at the sole discretion of the other Party, all Confidential Information of the Disclosing Party that is in the possession of the Receiving Party; and
    - b. The User shall cease to avail the services provided on the BBN Network.
  - 8.5. Termination of this MOU shall not affect any accrued rights or liabilities of either Party nor shall it affect the coming into force or the continuance in force of any provision of this MOU which is expressly or by implication intended to come into or continue in force on or after such termination including, without limitation, the Clauses pertaining to Definitions, Representation and Warranties, Confidentiality, Governing Law, Jurisdiction and Dispute Resolution, Notices and the Miscellaneous provisions of this MOU.
- 9. INDEMNITY:** Notwithstanding anything to the contrary contained herein, the User shall indemnify, defend and hold harmless IDS, its agents, affiliates, representatives from and against each and every cause of action, all claims, demands, actions, suits, proceedings (including losses, damages, tax, costs, charges and expenses)



including reasonable legal/attorney fee or liability whatsoever that may be brought or made against either party by any third party as a result of:

- 9.1. loss or damage to the intellectual property, personal injury to a third party and /or any third-party claim against or damage to the other party resulting from or in connection with any breach hereof, non-compliance herewith.
- 9.2. any act or omission, non-performance, willful misconduct, negligence or non-observance by either party or its employees/personnel of any provision of this MOU and/or arising from either party's failure to comply with any law, regulation, enactment.
- 9.3. breach of the representations and warranties contained in this MOU;
- 9.4. negligence or other tortious conduct by a party or its authorized agents or representations or statements not specifically authorized by a Party herein or otherwise in writing.

#### **10. CONFIDENTIALITY:**

- 10.1. The BBN, any information relating to the testing progress and results, the Feedback, any product-related information and any other proprietary technology or know-how provided to you in whatever form by IDS in connection with testing and evaluation of BBN shall be considered as Confidential Information. Under no circumstances may any information about the testing progress and/or results be provided to persons that are not involved in the testing process, or to any other third party. Any publication of testing results, reviews or evaluations is only permitted with the prior written consent of IDS.
- 10.2. The User shall keep, and ensure that any persons, firms, companies or organizations associated with the User, keep all Confidential Information confidential and not disclose the same to any person unless permitted under this clause.
- 10.3. This confidentiality obligation does not apply to the disclosure of Confidential Information which: (a) is or comes into public domain, except through breach of the confidentiality obligation under this clause; (b) comes lawfully into the User's possession from a third party who is not bound by a confidentiality obligation relating to such Confidential Information; (c) is required to be disclosed by any court of competent jurisdiction or any competent judicial, governmental, supervisory or regulatory body, or any law, provided that the User will promptly notify IDS in writing; or (d) is disclosed by the User with the prior written consent of IDS.

**11. DATA PRIVACY:** The User acknowledges, consents and agrees that IDS may access, preserve, and disclose the User's registration details and any other information provided by the User, if required to do so by law or in a good faith belief that such access, preservation or disclosure is reasonably necessary in our opinion to:

- 11.1. comply with legal process, including, but not limited to, civil and other compulsory disclosures;
- 11.2. enforce this MOU;
- 11.3. respond to claims of a violation of any right of a third party, whether or not the third party is a user, individual, government agency or other legal entity;



- 11.4. respond to User service inquiries; or
- 11.5. protect the rights, property, or personal safety of IDS, any user or the public.

## 12. MISCELLANEOUS:

- 12.1 **Severability:** The invalidity or unenforceability of any one provision of this MOU shall not invalidate or render unenforceable the assignment of rights hereunder in its entirety and the balance of the provisions in this MOU shall remain in effect. The parties agree to substitute in good faith all void or voidable portions or parts thereof by valid provisions.
- 12.2 **Force Majeure:** Neither Party shall be held liable or responsible to the other party nor be deemed to have defaulted under or breached this MOU for failure or delay in fulfilling or performing any obligation under this MOU when such failure or delay is caused by or results from a Force Majeure event; provided, however, that the party so affected shall use reasonable commercial efforts to avoid or remove such causes of non-performance, and shall continue performance hereunder with reasonable dispatch whenever such causes are removed. Either party shall provide the other party with prompt written notice of any delay or failure to perform that occurs by reason of force majeure. The parties shall mutually seek a resolution of the delay or the failure to perform as noted above.
- 12.3 **Notice:** Any notice to be given to either Party, shall be in writing and shall be deemed duly served, delivered by the prepaid registered post or through a delivery service / courier to the addressee at the addresses set out above and/or their respective E-mail ids. Any notice served by prepaid registered post shall be deemed served five days after posting. In proving a service of any notice, it will be sufficient to prove that such letter was properly stamped, addressed, and placed in the post or delivered or left at the address of the addressee given above or subsequently notified for the purposes of this MOU.
- 12.4 **Waiver:** Save and except as expressly provided in this MOU, no exercise, or failure to Exercise, or delay in exercising right, power, or remedy vested in any party or pursuant to this MOU shall constitute a waiver by that party of that or any other right, pour or remedy.
- 12.5 **Relationship between The Parties:** Nothing in this MOU shall be deemed to constitute a partnership or an association of persons or a body of individuals between the Parties to this MOU nor constitute any Party the agent of the other party, or otherwise entitle any Party to have authority to bind the other Parties to this MOU for any purpose.
- 12.6 **Modification:** Any Amendments and/or additional terms to this MOU shall be recorded in writing and duly signed by the parties and shall be read in conjunction and shall form an integral part of the MOU. The clauses wherever specifically mentioned shall survive the termination of this MOU.
- 12.7 **Counterparts:** This MOU may be executed in multiple copies, all of which shall be an original, but all the sets of the MOU shall together constitute one and the same MOU.
- 12.8 **Binding MOU:** Each Party agrees that the terms of this MOU are valid, legally binding on, and enforceable against such Party.
- 12.9 **Departmental Leadership for Blockchain Activities:** Although the MoU represents the entire college,



forthcoming blockchain events will be spearheaded by the Department of Computer Science of CIT



### **13. GOVERNING LAW AND JURISDICTION:**

13.1 The provisions of this MOU shall be subject to the laws of India, and the parties subject themselves to the exclusive jurisdiction of the competent courts of Hyderabad.

13.2 If any dispute, difference or claim arises between the Parties hereto during the subsistence or thereafter, in connection with or arising out of this MOU, the Parties shall attempt to resolve such Dispute within 30 days of receipt of written notice given by either Party to the other, by amicable means. In the event that the Parties are unable to resolve the disputes/differences amicably, the same shall be referred to arbitration before a sole arbitrator as per the Arbitration and Conciliation Act, 1996, along with any subsequent amendments thereof. The Arbitration proceedings shall take place in Hyderabad, India.



**IN WITNESS WHEREOF THE PARTIES HAVE PLACED THEIR SIGNATURES IN THIS MOU, WHICH HAS BEEN PREPARED IN TWO (2) ORIGINAL COPIES.**

Signed for and on behalf of:

<b>Information Data Systems Inc.</b>	<b>For Coimbatore Institute of Technology</b>
Signature: <i>Sudharshan Reddy Minumula</i>	Signature: <i>Rajwari</i> <i>26/3/2024</i>
Name: <u>Mr. Sudharshan Reddy Minumula</u>	Name: <u>Dr.A.Rajeswari</u>
Designation: <u>CEO</u>	Designation: <u>Principal</u>
Date: _____	Date: _____



## **DESCRIPTION OF THE BHARAT BLOCKCHAIN NETWORK & THE USER REGISTRATION PROCESS**

("BHARAT BLOCKCHAIN NETWORK") is a Permissioned Blockchain Network powered by IDS and supported by AICTE. IDS is an international organization established in 1996, enabling governments and enterprises across the world in their Digital Transformation through Industry 4.0 technologies. The purpose of the Network. The Network provides services that enable the entity operating a validator node to participate in the consensus protocol of the network. The Network is therefore for the benefit of users who have registered on the Network ("Users"). The Users will have access to and use of the facilities provided by the Network. Upon your agreement to the terms and conditions laid down here under as well as the acceptance by IDS of your registration ("**Registration**") on its platform, you will become a User for the purpose of this Agreement. The Network seeks to provide infrastructure services for testing deployment of proof-of-concept, pilots and production grade deployments or testing applications as accepted by the consortium governance body.

### **PROCESS FOR USER REGISTRATION:**

In order to access the full functionality of the BBN, the person/entity seeking such access must register as a User through any means offered on the BBN. As part of the registration process to become a user, you are required to (i) be a partner of the IDS for the BBN program, (ii) identify a person who will act as a single point of contact ("**SPOC**") in your organization to be responsible for the administration of the node, who can be reachable for any technical issue that may arise, (iii) identify a contact person for communications of general purpose between the IDS and the User, (iv) indicate if any entity other than the User will have access to the User's validator node. If your registration is accepted, you will be assigned a User identification code ("**User Identification**"). The User will have access to various Content and system resources associated with your User Identification as determined by IDS in its sole discretion, which may include designated directories, designated contact person, web pages, e-mail or other capabilities, information storage, and/or types of transactional data to be sent to the network, and which may be changed, terminated, increased or decreased by IDS, at its sole discretion, from time to time. The use of pseudonyms, aliases or other devices to conceal your identity is strictly forbidden and grounds for the immediate termination of the authorization of your User Identification.

### **Compulsory Node Setup:**

- 1.1. Every Academic Partner agrees to actively participate in the Bharat Blockchain Network (BBN) by establishing and maintaining a blockchain node within their institution's infrastructure.
- 1.2. Upon signing this MOU, it is mandatory for the Academic Partner to initiate the process of node setup within a reasonable timeframe, as specified by the BBN governing body.
- 1.3. The Academic Partner will ensure that the node setup adheres to the technical specifications provided by BBN for seamless integration into the network.



1.4. BBN reserves the right to provide necessary technical support and guidelines to facilitate the successful establishment of the blockchain node within the Academic Partner's infrastructure.

#### Node Upgrade Requirements:

2.1. As part of the ongoing commitment, every Academic Partner acknowledges the necessity of keeping their blockchain node technologically up-to-date.

2.2. A mandatory node upgrade shall be performed by the Academic Partner at least once every six months from the initial setup date.

2.3. BBN will provide timely notifications, guidelines, and any necessary technical assistance for the smooth execution of the node upgrade process.

2.4. Failure to comply with the prescribed node upgrade schedule may result in a review of the Academic Partner's status within the BBN network, subject to the discretion of the BBN governing body.

#### Section: Compliance and Reporting

##### Compliance and Reporting:

3.1. The Academic Partner agrees to maintain records of node setup and upgrade activities, including relevant documentation, for periodic review by BBN authorities.

3.2. Regular reports on the status of the blockchain node, including any challenges faced during the setup or upgrade, shall be submitted to BBN as per the schedule defined by the governing body.

3.3. BBN reserves the right to conduct audits or inspections to verify compliance with the node setup and upgrade obligations outlined in this MOU.



**EXEMPLARY LIST OF FRAUDULENT, ILLEGAL, UNETHICAL ACTIVITIES WHICH ARE FORBIDDEN UNDER THIS MOU**

1. Duplication of Nodes is not permissible.
2. Copyright infringement is valid throughout this project's journey in order to ensure usage of our copyrighted work without permission, even if you give the original author credit.
3. All rights shall lie within IDS Inc. and no claims can be made thereon.
4. The party is forbidden from creating collaboration with competitors in relation to similar networks or knowledge of content.



04/10/2023  
தமிழ்நாடு தமில்நாடு TAMILNADU  
The principal CIT

Coimbatore -14



T. KAVITHA  
STAMP VENDOR  
1/29-A, SAKTHI SWARNAGAR,  
VELLAIORE, COIMBATORE  
TAMILNADU  
REF. No : 7323/51/2008/4

DE 114793



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE-641014  
AND  
NUNNARI LABS, COIMBATORE

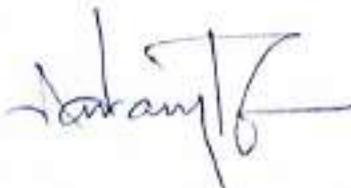
PREAMBLE

COIMBATORE INSTITUTE OF TECHNOLOGY (CIT), COIMBATORE (herein called Institution) a highly reputed Technical Institution having the vision of becoming a Centre of Excellence in emerging technologies which has experienced faculties, high quality laboratories and facilitates and large student community, who can complement the efforts of industries.

and

NUNNARI LABS, COIMBATORE (herein called Company), leading IT organization in Coimbatore district, committed to accelerating digital transformation for global enterprises. It endeavors lies a resolute focus on Artificial Intelligence - serving as a catalyst for innovation, knowledge, research and development, transformation, progress and positive change.

Jointly agree to exchange their expertise for mutual benefit and growth on the terms mentioned hereunder.





## SCOPE OF CO-OPERATION

Both the parties believe that close co-operation would be of major benefit mutually to institution and company. Accordingly, the following objectives are identified

- Regular exchange of resource and knowledge
- Tapping of potentials which contribute to mutual benefits
- Joint effort to identify avenues for improving the relationship and its products
- Striving to achieve the mission and work on the path of vision to maintain the quality policy of the component Institutions

The above objectives may be accomplished through the following activities:

1. Visits on either side
2. Training and placement
3. Sharing of facilities
4. Joint venture programs
5. Project work and problem solving (Consultancy work)
6. Study, survey, Research and Development

### 1. VISITS ON EITHER SIDE

The Company would be instrumental to permit the students of the Institution to undertake Industrial Visits and Students Internship under its purview for the benefit of practical exposure.

The Institution would be happy to facilitate for the institutional visit of experts from the company. If any important technical meetings & Conferences are held in the institution, invitation could be extended to the company.

### 2. TRAINING AND PLACEMENT

Training to students during vacation or otherwise special, may be facilitated by the Company through the Institution.

Any type of training program falling within the scope of the institution for industrial personnel, staffs and executives will be provided by the Institution. However, every program would have to be worked out separately by both the Institution and the Company.

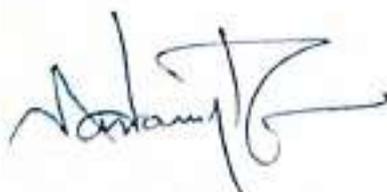
Placement to students is arranged by the Placement Cell of the institution and the company would contribute to the success of the program.

### 3. SHARING OF FACILITIES

The Company can facilitate making use of various equipments, laboratories, library, computers of the institution for the purpose of testing, study, calibration and research activities. Similarly the students and/or staff may also be permitted, if required to utilize the facilities of the Company for the broad purpose of education, teaching, skill development, etc. However every such usage of facility may be mutually coordinated with respective in charge of the facility prior to the utilization.

### 4. JOINT VENTURE PROGRAMS

Technical conferences, seminars, faculty development program, symposium, exhibitions, practical testing classes may be arranged under joint venture by both parties, the logistics of which are to be worked out separately for every program.



## 5. PROJECT WORK AND PROBLEM SOLVING

The Company would strive to use the students for doing live projects at their industries while the institutional faculty would be willing to undertake any short-term project or problem solving for the industries, the logistics of which are separate. A copy of such project report developed by the students of Institution may be sent to the company.

## 6. STUDY, SURVEY, RESEARCH AND DEVELOPMENT

The Company can facilitate to provide opportunities and inputs to students of the institution to undertake field studies and provide inputs for surveys related to technical field and innovations therein. The institution may help the company members for product development, quality improvement, cost control and testing at appropriate cost.

## GENERAL

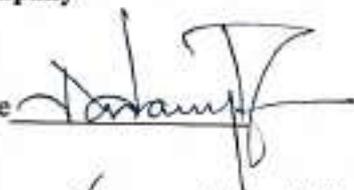
1. Based on the need for human resource, the Company would give priority to the students of the institution in recruitment of technical personnel other things being equal.
2. A Steering Committee consisting of one member from both the parties would be functionary to execute this MoU.
3. The Steering Committee will provide policy direction related to all activities and financial implications.
4. The steering Committee would meet twice in a year to review the progress in the elements of this MoU.
5. Any other matter which falls as a result of any above mentioned would be discussed and suitable action would be taken.

## MoU

Both the Institution and Company value the spirit of this MoU and would strive to continuously develop its various features.

Signed at Coimbatore Institute of Technology, Coimbatore -64104. on the 28<sup>th</sup> day of March, Two Thousand and Twenty Four.

For Company

Signature 

Name : Navaneeth Malingeray

Title : Founder/CEO

For Institution

Signature 

Name : Dr. A. RAJESWARI

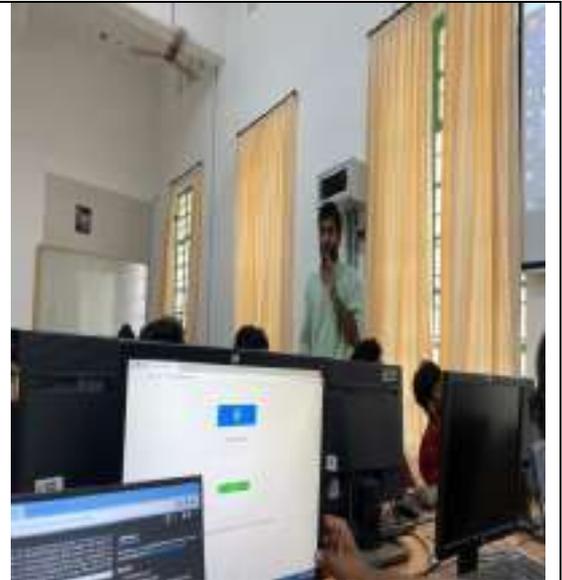
Title : PRINCIPAL, CIT

**Dr. A. RAJESWARI, M.E., Ph.D.,**  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.

## REPORT OF 1 DAY CRASH COURSE

Title of Activity:	<b>TRAINING ON TENSOR FLOW DEEP LEARNING LIBRARY</b>		
Date:	28.03.2024	Venue:	M114

### Photos



### Report of Crash Course

Department of AI and DS organizes a ONE DAY crash course on tensor flow deep library on 28.03.2024 (Thursday) from 9.30am-4.40pm at M114, Main Building, *Coimbatore Institute of Technology, Coimbatore*.

In the inauguration of the one crash course workshop, welcome address was given by Dr.Valliappan Raman, Head, Dept of AI&DS, CIT.

The speaker of the crash course, Mr. Sakthivel, Nunnari lab, who gave an hands-on session on tensor flow deep learning library. In total , 62 students from pre-final year participated in the crash course

#### **Day 1: Morning**

- Basics of TensorFlow (Keras, layers,
- sequential, activations, loss functions,
- training, callbacks)
- Building a Feed Forward Neural
- Network, Convolutional Neural Network
- and Recurrent Neural Network using
- TensorFlow

#### **Day 1: Afternoon**

- Transfer Learning, TensorFlow Hub
- TensorFlow Functional API
- TensorFlow Serve for Deploying models
- Intro to TF Ecosystem (TFLite, TFX,

## Letter of Understanding

This Letter of Understanding (hereinafter called as the 'LoU') is entered into on this the **25<sup>th</sup> February 2024** by and between

**Sikshana Foundation**, THE FIRST PARTY with the registered office at #41, KR Road, Basavanagudi, Bengaluru 560004.

### AND

**Coimbatore Institute of Technology, Coimbatore, Tamil Nadu.**, THE SECOND PARTY represented herein by its Name of Competent Authority / Representative

### Program Design

Women in Engineering program focuses on providing scholarship support to students from financially weaker sections and additionally give technical mentorship involving industry experts. Program also aims at providing exposure so as to cater to the industry needs. Virtual sessions are conducted for students, with focus on Soft Skills, Employability Skills and Technical Skills. The list of topics under each section is shown in **Appendix I**.

In particular, this LoU is intended to provide below listed activities for the shortlisted students under Women in Engineering (WIE) program.

1. Provide access to hardware to support them during their engineering course and also enhance their digital literacy.
2. Organize workshops and session on ICT skills
3. Organize various workshops on Soft Skills and Employability skills by industry experts for holistic Development
4. Conduct mentoring sessions with Educational or Industry experts with the focus of providing exposure on the current industrial practices and Technical Skills
5. Opportunity for assistance in completion of Mini and Major Projects
6. Exposure to entrepreneurial mindset.
7. Internship opportunities with esteemed industries.

### Student Monitoring and Evaluation:

To ensure the effectiveness of the program, Sikshana Foundation will continue to interact with College Authorities, Parents and Students to understand the effectiveness of the program and track student performance both academic and involvement in Women in Engineering program. By executing this Letter of Understanding college authorities agree to allow representatives from Sikshana Foundation to visit the college and interact with concerned authorities & students from the college and collect necessary details related to Women in Engineering program.

#### Proposed Activities – Sikshana Foundation

1. Identification of Students for Women in Engineering program in collaboration with the College authorities - completed
2. Document verification and on boarding of students - completed
3. Program orientation to Students, Parents and College/University staff - completed
4. Distribution of Laptop to students - completed
5. WhatsApp group creation with Sikshana State Lead - completed
6. Share virtual training session calendar with students and College/University - completed
7. Track students' performance on a periodic basis with the assistance of college authorities

#### Proposed Activities – Coimbatore Institute of Technology, Coimbatore.

1. Provide the list of students as per the criteria set for Women in Engineering - completed
2. Provide students documents to Sikshana Foundation for verification periodically.
3. Extend support to Sikshana Foundation in conducting the virtual sessions and interaction with experts
4. Nominate Point of Contact from College/University for Sikshana Foundation to interact on Women in Engineering program progress and Student tracking
5. Provide access to students for smooth conduct of activities related to Women in Engineering
6. Support Sikshana Foundation in all activities related to Women in Engineering

Students who have been onboarded into the Women in Engineering program from your institution are:

S. No	Reg. No	Name of the Student
1.	7176 2203 077	Jayasri R
2.	7176 2203 081	Jeyarani S
3.	7176 2203 011	Brundha G
4.	7176 2203 087	Kiruthika J
5.	7176 2203 006	Ashika S
6.	7176 2203 022	Janashri K. L
7.	7176 2203 105	Santhiya M
8.	7176 2203 073	Harini T M

9.	7176 2203 108	Sindhu S. V
10.	7176 2203 106	Santhiya M
11.	7176 2203 025	Karthika B
12.	7176 2203 014	Dharsha S
13.	7176 2203 101	Priyadharshini R
14.	7176 2203 034	Mirthuvarshini M
15.	7176 2203 110	Subhasri Lavanya I
16.	7176 2203 095	Nithiya Shree. S
17.	7176 2203 117	Yuvarani. S
18.	7176 2203 013	Dharani. P
19.	7176 2203 053	Subithra. P

Pont of Contact Person: Dr. S. Elango, Associate Professor, Department of EEE, Coimbatore Institute of Technology, Coimbatore - 641 014. (Ph. 9842677633)

: Mrs. K. Arthi, Assistant Professor, Department of EEE, Coimbatore Institute of Technology, Coimbatore - 641 014. (Ph. 7010535539)

By signing this Letter of Understanding both the parties agree to all the aspects mentioned above.

-----  
For Sikshana Foundation

Name:

Title:

Date:

  
-----  
For Coimbatore Institute of Technology

Name: **Dr. A. RAJESWARI, M.E., Ph.D.,**  
**PRINCIPAL**

Title: **COIMBATORE INSTITUTE OF TECHNOLOGY**

Date: **COIMBATORE-641 014.**

  
25/3/2024.



  
25/3/2024

**Appendix I**

<b>WIE - Soft Skills Topics</b>				
<b>Sl No</b>	<b>Skill</b>	<b>Sessions</b>	<b>Topics to be Covered</b>	<b>Session Delivery</b>
1	Soft Skills	Time Management	Setting Priorities	Year I
			Goal Setting	
			Forming Right Habits	
			Effective Multitasking	
			Delegation	
			Strategic Thinking	
2	Soft Skills	Presentation Skills	Record Keeping	Year I
			Content Creation	
			Purpose	
			Audience Pre-Assessment	
			Opening and Structure of Presentation	
3	Soft Skills	Problem Solving I	Closure	Year I
			What are Problems	
			Path to Problem Solving	
			Causes of Problems	
4	Soft Skills	Problem Solving II	Steps to effective Problem solving	Year II
			Key Problem-Solving Skills	
			Problem Solving Technique	
5	Soft Skills	Communication Skills I	The WHY Analysis	Year II
			Speaking Skills	
			Listening Skills	
			Reading Skills	
6	Soft Skills	Communication Skills II	Levels of Communication - Verbal and Non-Verbal	Year I
			Methods of Non-Verbal Communication	
			Effective Steps for Active Listening	
7	Soft Skills	Emotional Intelligence I	Importance of Vocabulary	Year III
			Self-Awareness	
			Trustworthiness	
			Self-Confidence	
			Adaptability	

2. 4/12/2019



8	Soft Skills	Emotional Intelligence II	Innovation	Year III
			Motivation	
			Empathy	
			Social Skills	
9	Soft Skills	Collaboration Skills I	Conflict Management	Year II
			What are collaboration skills?	
			Elements of successful collaboration	
10	Soft Skills	Collaboration Skills II	Types of Collaboration skills	Year II
			Brainstorming	
			Techniques to working in a group	
			Time Management	
			Critical Management	
11	Soft Skills	Entrepreneurship Skills I	Activities	Year III
			Curiosity	
			Strategic Thinking	
			Efficiency	
12	Soft Skills	Entrepreneurship Skills II	Communication	Year III
			Courage and Risk Taking	
			Assertiveness and Confidence	
13	Soft Skills	Financial Literacy I	Activities	Year IV
			Why are Financial skills important?	
			How to improve financial skills?	
14	Soft Skills	Financial Literacy II	Financial skills needed for entrepreneurship	Year IV
			Budgeting	
			Negotiation	
			Bargaining	
15	Soft Skills	Financial Literacy III	Separation of needs versus wants	Year IV
			Understanding Investment	
			Relationship Management Skills	
			Technology Proficiency	
			Ethics and Tenacity	



Handwritten signature and date: 20/12/24

WIE - Employability Topics				
Sl No	Skill	Sessions	Topics to be Covered	Session Delivery
1	Employability Skills	Orientation	Connectivity	Year III
			Behavior	
			Punctuality	
			Introduction to sessions	
			Importance of sessions	
			Grading Process	
2	Employability Skills	Resume Writing	Introduction about Resume	Year III
			Why is Resume important?	
			Showing Resume Templates	
			Language	
			Details to be included	
			Formatting and appearance	
			Do's and Don'ts in a Resume	
3	Employability Skills	Interview Preparation	Do's and Don'ts in an Interview	Year III
			Documents/Certificates required	
			Dressing/Grooming	
			Communication/Attitude during interview	
			Body Language	
			Knowledge/Research about company	
4	Employability Skills	Resume Writing Workshop - II	Feedback on Resume of Students	Year III
			Suggestions for Improvement	
			Resume writing with volunteer's help	
5	Employability Skills	Interview Preparation - II	Rounds of interview	Year III
			Participation in each round	
			Likely questions in each round	
			Activities	
6	Employability Skills	Aptitude Test	Mock Aptitude Test	Year IV
7	Employability Skills	Group Discussion	GD on various topics	Year IV
8	Employability Skills	Technical Round	Mock Interview on technical questions	Year IV
9	Employability Skills	HR Round	Mock Interview on HR related questions	Year IV

20/5/2024



10	Employability Skills	Career Advice	How to Apply for Jobs?	Year IV
	Employability Skills		Understanding Job Descriptions	
	Employability Skills		Various Career Opportunities (Course related)	

WIE - Technical Assistance				
Sl No	Skill	Sessions	Topics to be Covered	Session Delivery
1	ICT - Digital Literacy	Basic Computer Application	Spreadsheet Word Processor Presentation Tool Assignments and Practice Sessions	Year I
		G-Suite	Internet Usage Cloud, Video Conferencing Introduction to online learning resources Word, Excel, PPT, Form Assignments and Practice Sessions	
2	ICT - Digital Literacy	Basic Tools	Linux HTML Database Scripting Languages Web Framework Software Mgmt. Tools (eg. Version Control, Github, etc.) Cloud Services	Year II
3	Technical Skill	Mini/Major Project	Selection of Concept Synopsis Writing Project Life Cycle Programming/Assembling Product Testing Project Report	Year III & IV
4	Technical Skill	Internship	Introduction to Manufacturing Unit Interaction with Industrial Experts Exposure to real work environment Small Industrial Projects	Year III & IV

Additional sessions on programming languages will also be included in the training depending on student requirement.

2/2/2024



**Fwd: Updated invitation: WIE TN batch 2 Softskills Session-2 \_ Body Language @ Wed Aug 14, 2024 7pm - 8pm (GMT+5:30) (71762203025@cit.edu.in)**

1 message

**025\_B Karthika** <71762203025@cit.edu.in>

Tue, Aug 13, 2024 at 2:25 PM

To: arthi.k@cit.edu.in

----- Forwarded message -----

From: **SF MeetingRoom4** <sfmeetingroom4@sikshana.org>

Date: Tue, 6 Aug, 2024, 12:54 pm

Subject: Updated invitation: WIE TN batch 2 Softskills Session-2 \_ Body Language @ Wed Aug 14, 2024 7pm - 8pm (GMT+5:30) (71762203025@cit.edu.in)

To: <71762203025@cit.edu.in>, <71762203117@cit.edu.in>, <71762203077@cit.edu.in>, <71762203073@cit.edu.in>, <jeyaraniabraham7@gmail.com>, <ssankar52259@gmail.com>, <yamunamahadevan2004@gmail.com>, <71762203101@cit.edu.in>, <71762203087@cit.edu.in>, <shahanadhanapalan@gmail.com>, <sharina23thabasum@gmail.com>, <prami.26ee@licet.ac.in>, <ashika2818@gmail.com>, <mhannahgifta@gmail.com>, <71762203022@cit.edu.in>, <subhasrilavanyaiyappan@gmail.com>, <events@sikshana.org>, <sgsep@sikshana.org>, <kitchupriya07@gmail.com>, <dharshaphilic@gmail.com>, <santhiyam235@gmail.com>, <ds1997imageconsulting@gmail.com>, <benitaevangelina2004@gmail.com>, <sindhuvenkat732@gmail.com>, <happplyarunkumar007@gmail.com>, <shanmuganathi.s@gmail.com>, <71762203095@cit.edu.in>, <sandhyababu298@gmail.com>, <volunteer@sikshana.org>, <doxarl2003@gmail.com>, Ranjith G Varun <wie@sikshana.org>, <71762203105@cit.edu.in>, <71762203053@cit.edu.in>, <71762203034@cit.edu.in>, <dharanip7579@gmail.com>, <santhiyamanikam6@gmail.com>, <durgaa1301@gmail.com>, <71762203011@cit.edu.in>, Mahalakshmi K S <mahalakshmi@sikshana.org>, <viji30072004@gmail.com>, <jeseebinu.26ee@licet.ac.in>, <intern1@sikshana.org>, <mohan.kakde@hitachienergy.com>, <sugunasundaram27042005@gamil.com>

**This event has been updated****Changed:** description



## Description CHANGED

---

Sikshana Foundation is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

<https://zoom.us/j/97067884412?pwd=YBjjNoHtO0MI7qMHZgA3uWdmpQOEYc.1>

Meeting ID: 970 6788 4412

Passcode: WIE

---

One tap mobile

+13462487799,,97067884412#,,,,\*538820# US (Houston)

+13602095623,,97067884412#,,,,\*538820# US

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Dial by your location

- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 646 558 8656 US (New York)
- +1 646 931 3860 US
- +1 669 444 9171 US
- +1 669 900 9128 US (San Jose)
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 301 715 8592 US (Washington DC)
- +1 305 224 1968 US
- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)

Meeting ID: 970 6788 4412

Passcode: 538820

Find your local number: <https://zoom.us/u/ac2vVNSRjl>

---

## When

Wednesday Aug 14, 2024 · 7pm – 8pm (India Standard Time - Kolkata)

## Location

[View map](#)

## Guests

SF MeetingRoom4 - organizer

71762203117@cit.edu.in

71762203077@cit.edu.in

71762203073@cit.edu.in

jeyaraniabraham7@gmail.com

ssankar52259@gmail.com

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sgep@sikshana.org

kitchupriya07@gmail.com

dharshaphilic@gmail.com

santhiyam235@gmail.com

ds1997imageconsulting@gmail.com

benitaevangeline2004@gmail.com

sindhuvencat732@gmail.com

happplyarunkumar007@gmail.com

shanmugananthi.s@gmail.com

71762203095@cit.edu.in

sandhyababu298@gmail.com

volunteer@sikshana.org

doxarl2003@gmail.com

Ranjith G Varun

71762203105@cit.edu.in

71762203053@cit.edu.in

71762203034@cit.edu.in

dharanip7579@gmail.com

santhiyamanikam6@gmail.com

durgaa1301@gmail.com

71762203011@cit.edu.in

Mahalakshmi K S

viji30072004@gmail.com

jeseebinu.26ee@licet.ac.in

intern1@sikshana.org

mohan.kakde@hitachienergy.com

sugunasundaram27042005@gamil.com

[View all guest info](#)

**Reply** for 71762203025@cit.edu.in

Yes

No

Maybe

More options

Invitation from [Google Calendar](#)

You are receiving this email because you are subscribed to calendar notifications. To stop receiving these emails, go to [Calendar settings](#), select this calendar, and change "Other notifications".

Forwarding this invitation could allow any recipient to send a response to the organizer, be added to the guest list, invite others regardless of their own invitation status, or modify your RSVP. [Learn more](#)

---

 **invite.ics**  
10K

## Fwd: Invitation from an unknown sender: WIE-Tamil Nadu Softskills Orientation Session @ Thu Jul 25, 2024 7pm - 8pm (GMT+5:30) (dharshaphilic@gmail.com)

1 message

**Dharsha Sankar** <dharshaphilic@gmail.com>  
To: "arthi.k@cit.edu.in" <arthi.k@cit.edu.in>

Wed, Aug 21, 2024 at 10:56 PM

----- Forwarded message -----

From: **SF MeetingRoom4** <sfmeetingroom4@sikshana.org>

Date: Tue, 23 Jul 2024 at 12:08

Subject: Invitation from an unknown sender: WIE-Tamil Nadu Softskills Orientation Session @ Thu Jul 25, 2024 7pm - 8pm (GMT+5:30) (dharshaphilic@gmail.com)

To: <dharshaphilic@gmail.com>, <71762203117@cit.edu.in>, <71762203077@cit.edu.in>, <71762203073@cit.edu.in>, <jeyaraniabraham7@gmail.com>, <ssankar52259@gmail.com>, <yamunamahadevan2004@gmail.com>, <71762203101@cit.edu.in>, <71762203087@cit.edu.in>, <shahanadhanapalan@gmail.com>, <sharina23thabasum@gmail.com>, <71762203025@cit.edu.in>, <prami.26ee@licet.ac.in>, <ashika2818@gmail.com>, <mhannahgifta@gmail.com>, <71762203022@cit.edu.in>, <subhasrilavanyaiyappan@gmail.com>, WIE TamilNadu <wie.tamilnadu@sikshana.org>, <sgep@sikshana.org>, <kitchupriya07@gmail.com>, <santhiyam235@gmail.com>, <benitaevangeline2004@gmail.com>, <sindhuvenkat732@gmail.com>, <happplyarunkumar007@gmail.com>, <shanmugananthi.s@gmail.com>, <71762203095@cit.edu.in>, <sandhyababu298@gmail.com>, <doxarl2003@gmail.com>, <71762203053@cit.edu.in>, <71762203105@cit.edu.in>, <71762203034@cit.edu.in>, <dharanip7579@gmail.com>, <santhiyamanikam6@gmail.com>, <durgaa1301@gmail.com>, <71762203011@cit.edu.in>, Mahalakshmi K S <mahalakshmi@sikshana.org>, <vjiji30072004@gmail.com>, <jeseebin.26ee@licet.ac.in>, <sugunasundaram27042005@gamil.com>

### Unknown sender

This event isn't in your calendar yet. You haven't interacted with sfmeetingroom4@sikshana.org before. Do you want to automatically add this and future invitations from them to your calendar?

[Add to calendar](#)



---

Sikshana Foundation is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

<https://zoom.us/j/97233976762?pwd=PaKKWBXZMDq188RgdBAaEZbTXfBZMI.1>

Meeting ID: 972 3397 6762

Passcode: WIE

---

One tap mobile

+13017158592,,97233976762#,,,,\*041503# US (Washington DC)

+13052241968,,97233976762#,,,,\*041503# US

---

Dial by your location

• +1 301 715 8592 US (Washington DC)

• +1 305 224 1968 US

• +1 309 205 3325 US

• +1 312 626 6799 US (Chicago)

• +1 346 248 7799 US (Houston)

• +1 360 209 5623 US

• +1 386 347 5053 US

• +1 507 473 4847 US

• +1 564 217 2000 US

• +1 646 558 8656 US (New York)

• +1 646 931 3860 US

• +1 669 444 9171 US

• +1 669 900 9128 US (San Jose)

• +1 689 278 1000 US

• +1 719 359 4580 US

• +1 253 205 0468 US

• +1 253 215 8782 US (Tacoma)

Meeting ID: 972 3397 6762

Passcode: 041503

Find your local number: <https://zoom.us/u/adLJhGjWo5>

---

## When

Thursday Jul 25, 2024 · 7pm – 8pm (India Standard Time - Kolkata)

## Location

<https://zoom.us/j/97233976762?pwd=PaKKWBXZMDq188RadBAaEZbTXfBZMI.1>

[View map](#)

## Guests

SF MeetingRoom4 - organizer  
71762203117@cit.edu.in  
71762203077@cit.edu.in  
71762203073@cit.edu.in  
jeyaraniabraham7@gmail.com  
ssankar52259@gmail.com  
yamunamahadevan2004@gmail.com  
71762203101@cit.edu.in  
71762203087@cit.edu.in  
shahanadhanapalan@gmail.com  
sharina23thabasum@gmail.com  
71762203025@cit.edu.in  
prami.26ee@licet.ac.in  
ashika2818@gmail.com  
mhannahgifta@gmail.com  
71762203022@cit.edu.in  
subhasrilavanyaiyappan@gmail.com  
WIE TamilNadu  
sgep@sikshana.org  
kitchupriya07@gmail.com  
dharshaphilic@gmail.com  
santhiyam235@gmail.com  
benitaevangelina2004@gmail.com  
sindhuvencat732@gmail.com  
happpyarunkumar007@gmail.com  
shanmugananthi.s@gmail.com  
71762203095@cit.edu.in  
sandhyababu298@gmail.com  
doxarl2003@gmail.com  
71762203053@cit.edu.in  
71762203105@cit.edu.in  
71762203034@cit.edu.in  
dharanip7579@gmail.com  
santhiyamanikam6@gmail.com  
durgaa1301@gmail.com  
71762203011@cit.edu.in  
Mahalakshmi K S  
viji30072004@gmail.com  
jeseebinu.26ee@licet.ac.in  
sugunasundaram27042005@gamil.com

[View all guest info](#)

**Reply** for dharshaphilic@gmail.com

Yes

No

Maybe

More options

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Forwarding this invitation could allow any recipient to send a response to the organizer, be added to the guest list, invite others regardless of their own invitation status, or modify your RSVP. [Learn more](#)

---

 **invite.ics**  
9K

## Fwd: Invitation from an unknown sender: Women In Engineering- Women's Day Session @ Tue Mar 12, 2024 7pm - 8pm (GMT+5:30) (dharshaphilic@gmail.com)

1 message

**Dharsha Sankar** <dharshaphilic@gmail.com>  
To: "arthi.k@cit.edu.in" <arthi.k@cit.edu.in>

Wed, Aug 21, 2024 at 10:55 PM

----- Forwarded message -----

From: **Women In Engineering** <wie@sikshana.org>

Date: Mon, 11 Mar 2024 at 12:20

Subject: Invitation from an unknown sender: Women In Engineering- Women's Day Session @ Tue Mar 12, 2024 7pm - 8pm (GMT+5:30) (dharshaphilic@gmail.com)

To: <dharshaphilic@gmail.com>, <71762203077@cit.edu.in>, Sathish S <sathish\_s@sikshana.org>, <71762203073@cit.edu.in>, <jeyaraniabraham7@gmail.com>, <ssankar52259@gmail.com>, <yamunamahadevan2004@gmail.com>, <71762203101@cit.edu.in>, <71762203087@cit.edu.in>, <shahanadhanapalan@gmail.com>, <sharina23thabasum@gmail.com>, <71762203025@cit.edu.in>, <prami.26ee@licet.ac.in>, <ashika2818@gmail.com>, <mhannahgifta@gmail.com>, <71762203022@cit.edu.in>, <subhasrilavanyaiyappan@gmail.com>, WIE TamilNadu <wie.tamilnadu@sikshana.org>, <kitchupriya07@gmail.com>, <santhiyam235@gmail.com>, <happplyarunkumar007@gmail.com>, <sindhuvenkat732@gmail.com>, <shanmugananthi.s@gmail.com>, <doxarl2003@gmail.com>, <71762203105@cit.edu.in>, <71762203034@cit.edu.in>, <santhiyamanikam6@gmail.com>, <durgaa1301@gmail.com>, <71762203011@cit.edu.in>, Mahalakshmi K S <mahalakshmi@sikshana.org>, <viji30072004@gmail.com>, <jeseebinu.26ee@licet.ac.in>, <sugunasundaram27042005@gamil.com>

### Unknown sender

This event from wie@sikshana.org won't appear in your calendar unless you say you know the sender.

[Know this sender?](#)

[Join with Google Meet](#)

**Meeting link**

[meet.google.com/gcq-avsr-ibe](https://meet.google.com/gcq-avsr-ibe)

**Join by phone**

(US) +1 385-404-0969

PIN: 533572736

[More phone numbers](#)

## When

Tuesday Mar 12, 2024 · 7pm – 8pm (India Standard Time - Kolkata)

## Guests

Women In Engineering - organizer

71762203077@cit.edu.in

Sathish S

71762203073@cit.edu.in

jeyaraniabraham7@gmail.com

ssankar52259@gmail.com

yamunamahadevan2004@gmail.com

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71762203087@cit.edu.in

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mhannahgifta@gmail.com

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WIE TamilNadu

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sindhuvenkat732@gmail.com

shanmugananthi.s@gmail.com

doxarl2003@gmail.com

71762203105@cit.edu.in

71762203034@cit.edu.in

santhiyamanikam6@gmail.com

durgaa1301@gmail.com

71762203011@cit.edu.in

Mahalakshmi K S

viji30072004@gmail.com

jeseebinu.26ee@licet.ac.in

sugunasundaram27042005@gamil.com

[View all guest info](#)

**Reply** for dharshaphilic@gmail.com

Yes

No

Maybe

More options

Invitation from [Google Calendar](#)

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Forwarding this invitation could allow any recipient to send a response to the organizer, be added to the guest list, invite others regardless of their own invitation status, or modify your RSVP. [Learn more](#)

---

 **invite.ics**  
7K

**Fwd: Invitation from an unknown sender: International Women in Engineering Day @ Sat Jun 22, 2024 7pm - 8pm (GMT+5:30) (dharshaphilic@gmail.com)**

2 messages

**Dharsha Sankar** <dharshaphilic@gmail.com>  
To: "arthi.k@cit.edu.in" <arthi.k@cit.edu.in>

Wed, Aug 21, 2024 at 10:55 PM

----- Forwarded message -----

From: **Women In Engineering** <wie@sikshana.org>

Date: Tue, 11 Jun 2024 at 16:21

Subject: Invitation from an unknown sender: International Women in Engineering Day @ Sat Jun 22, 2024 7pm - 8pm (GMT+5:30) (dharshaphilic@gmail.com)

To: <dharshaphilic@gmail.com>, <anushadn2004@gmail.com>, <jeyaraniabraham7@gmail.com>, <archipgohel25@gmail.com>, <chaitrasrinivas2402@gmail.com>, <shreyathakur2004@gmail.com>, <amruthann111@gmail.com>, <avanichaudhary03062005@gmail.com>, <mhannahgifta@gmail.com>, <kundakarlameghana@gmail.com>, <khushimistry257@gmail.com>, <nrcaritha2610@gmail.com>, <mohan.kakde@hitachienergy.com>, <sindhuvenkat732@gmail.com>, <71762203095@cit.edu.in>, <ranjitham024@gmail.com>, <harshithac7669@gmail.com>, <ankeerthanagowda@gmail.com>, <disha.kanojia.ug23@nsut.ac.in>, <amee131073@gmail.com>, <komal\_ug23@nsut.ac.in>, <dharanip7579@gmail.com>, <kneetusingh888@gmail.com>, <wie.gujarat@sikshana.org>, <aditi.goyal.ug23@nsut.ac.in>, Mahalakshmi K S <mahalakshmi@sikshana.org>, <viji30072004@gmail.com>, <seemabelim068@gmail.com>, <heermistry14@gmail.com>, <ashikatheju@gmail.com>, <rmeghana560@gmail.com>, <drastipatel419@gmail.com>, <71762203073@cit.edu.in>, <ssankar52259@gmail.com>, <harshulgupta554@gmail.com>, <71762203101@cit.edu.in>, <71762203087@cit.edu.in>, <nisarga254@gmail.com>, <shahanadhanapalan@gmail.com>, <sharina23thabasum@gmail.com>, <28rajeshwari2003@gmail.com>, <71762203025@cit.edu.in>, <prami.26ee@licet.ac.in>, <varshasona2004@gmail.com>, <bhumikappgowda@gmail.com>, <vaishraga555555@gmail.com>, <71762203022@cit.edu.in>, <kitchupriya07@gmail.com>, <benitaevangelina2004@gmail.com>, <22el001@bvmengineering.ac.in>, <vaibhavirathod1775@gmail.com>, <sandhyababu298@gmail.com>, <doxarl2003@gmail.com>, <siddarajusiddaraju2499@gmail.com>, <mehakazmath1@gmail.com>, <santhiyamanikam6@gmail.com>, <nagaratnashivananda68@gmail.com>, <durgaa1301@gmail.com>, <71762203011@cit.edu.in>, <preeethi2307@gmail.com>, <anuarannu353@gmail.com>, <anjuamulya2004@gmail.com>, <231220017@nitdelhi.ac.in>, <nidhishrees20@gmail.com>, <71762203077@cit.edu.in>, <71762203117@cit.edu.in>, <sathwikapillalamarri@gmail.com>, <yamunamahadevan2004@gmail.com>, <kasakvaghasiya8583@gmail.com>, <patilpreeti1305@gmail.com>, <yeshaypatel112@gmail.com>, <chintuanushar8@gmail.com>, <priyankamishrajp8084@gmail.com>, <ashika2818@gmail.com>, <manjulahs100@gmail.com>, <vidhijoshi1031@gmail.com>, Yashaswini N <sgep@sikshana.org>, <tdanushree2@gmail.com>, <vishakhachauhan7253@gmail.com>, <devraj1994ar@gmail.com>, <shivani.sharma@hitachienergy.com>, <santhiyam235@gmail.com>, <happpyarunkumar007@gmail.com>, <yashup6364@gmail.com>, <riyalepcha20@gmail.com>, <eashanyakrkeelara@gmail.com>, <prarthanasridhar1462@gmail.com>, <71762203105@cit.edu.in>, <71762203053@cit.edu.in>, <71762203034@cit.edu.in>, <rakshithahm202@gmail.com>, <hskeerthana23@gmail.com>, <akshim44@gmail.com>, <mounikahj309@gmail.com>, <nandithagowdayn@gmail.com>, <jeseebinu.26ee@licet.ac.in>, <maheshwarishreya355@gmail.com>, <rk5725680@gmail.com>, <r2726552@gmail.com>, <nandusuresh604@gmail.com>, <monicabl8431@gmail.com>, <ts.shalini123@gmail.com>, <akanani885@gmail.com>, <11shraddhav@gmail.com>, <kinnreerathod@gmail.com>, <subhasrilavanyaiyappan@gmail.com>, WIE TamilNadu <wie.tamilnadu@sikshana.org>, <amlanika1159@gmail.com>, <appuapoorva510@gmail.com>, <thrupthimr50@gmail.com>, <divyanka6301@gmail.com>, <bindumahadeva62@gmail.com>, <ksmeghana79@gmail.com>, <jinalpshah2018@gmail.com>, <shanmugananthi.s@gmail.com>, <sunitipaul277@gmail.com>, <janhavirishbg@gmail.com>, <arpithad188@gmail.com>, <manoja31734@gmail.com>, <monikamahalakshmi5@gmail.com>, <incharaprakash15@gmail.com>, <harshithaanand2007@gmail.com>, <musumonda94@gmail.com>, <pompiparuah5906@gmail.com>, <kushalakumar06@gmail.com>, <sugunasundaram27042005@gmail.com>

**Unknown sender**

This event from wie@sikshana.org won't appear in your calendar unless you say you know the sender.

[Know this sender?](#)

[Join with Google Meet](#)

**Meeting link**

[meet.google.com/kko-oeos-nir](https://meet.google.com/kko-oeos-nir)

**Join by phone**

(US) +1 218-301-2026

PIN: 445167646

[More phone numbers](#)

## When

Saturday Jun 22, 2024 · 7pm – 8pm (India Standard Time - Kolkata)

## Guests

Women In Engineering - organizer

anushadn2004@gmail.com

jeyaraniabraham7@gmail.com

archipgohel25@gmail.com

chaitrasrinivas2402@gmail.com

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drastipatel419@gmail.com

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ssankar52259@gmail.com

harshulgupta554@gmail.com

71762203101@cit.edu.in

71762203087@cit.edu.in

nisarga254@gmail.com

shahanadhanapalan@gmail.com

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vaishraga555555@gmail.com

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kitchupriya07@gmail.com  
benitaevangelina2004@gmail.com  
22el001@bvmengineering.ac.in  
vaibhavirathod1775@gmail.com  
sandhyababu298@gmail.com  
doxarl2003@gmail.com  
siddarajusiddaraju2499@gmail.com  
mehakazmath1@gmail.com  
santhiyamanikam6@gmail.com  
nagaratnashivananda68@gmail.com  
durgaa1301@gmail.com  
71762203011@cit.edu.in  
preeethi2307@gmail.com  
anuarannu353@gmail.com  
anjuamulya2004@gmail.com  
231220017@nitdelhi.ac.in  
nidhishrees20@gmail.com  
71762203077@cit.edu.in  
71762203117@cit.edu.in  
sathwikapillamarri@gmail.com  
yamunamahadevan2004@gmail.com  
kasakvaghasiya8583@gmail.com  
patilpreeti1305@gmail.com  
yeshaypatel112@gmail.com  
chintuanushar8@gmail.com  
priyankamishrajp8084@gmail.com  
ashika2818@gmail.com  
manjulahs100@gmail.com  
vidhijoshi1031@gmail.com  
Yashaswini N  
tdanushree2@gmail.com  
vishakhachauhan7253@gmail.com  
devraj1994ar@gmail.com  
shivani.sharma@hitachienergy.com  
santhiyam235@gmail.com  
happplyarunkumar007@gmail.com  
yashup6364@gmail.com  
riyalepcha20@gmail.com  
eashanyakrkeelara@gmail.com  
prarthanasridhar1462@gmail.com  
71762203105@cit.edu.in  
71762203053@cit.edu.in  
71762203034@cit.edu.in  
rakshithahm202@gmail.com  
hskeerthana23@gmail.com  
akshim44@gmail.com  
mounikahj309@gmail.com  
nandithagowdayn@gmail.com  
jeseebinu.26ee@licet.ac.in  
maheshwarishreya355@gmail.com

rk5725680@gmail.com  
r2726552@gmail.com  
nandusuresh604@gmail.com  
monicabl8431@gmail.com  
ts.shalini123@gmail.com  
akanani885@gmail.com  
11shraddhav@gmail.com  
kinnreerathod@gmail.com  
subhasrilavanyaiyappan@gmail.com  
WIE TamilNadu  
amlanika1159@gmail.com  
dharshaphilic@gmail.com  
appuapoorva510@gmail.com  
thrupthimr50@gmail.com  
divyanka6301@gmail.com  
bindumahadeva62@gmail.com  
ksmeghana79@gmail.com  
jinalpshah2018@gmail.com  
shanmugananthi.s@gmail.com  
sunitipaul277@gmail.com  
janhavigirishbg@gmail.com  
arpithad188@gmail.com  
manoja31734@gmail.com  
monikamahalakshmi5@gmail.com  
incharaprakash15@gmail.com  
harshithaanand2007@gmail.com  
musumonda94@gmail.com  
pompibaruah5906@gmai.com  
kushalakumar06@gamil.com  
sugunasundaram27042005@gamil.com

[View all guest info](#)

**Reply** for dharshaphilic@gmail.com

Yes

No

Maybe

More options

Invitation from [Google Calendar](#)

You are receiving this email because you are subscribed to calendar notifications. To stop receiving these emails, go to [Calendar settings](#), select this calendar, and change "Other notifications".

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 **invite.ics**  
22K

**Dharsha Sankar** <dharshaphilic@gmail.com>  
To: "arthi.k@cit.edu.in" <arthi.k@cit.edu.in>

Wed, Aug 21, 2024 at 10:56 PM

[Quoted text hidden]

---

 **invite.ics**  
22K



தமிழ்நாடு தமில்நாடு TAMILNADU  
21.2.2020 The principal CIT  
CBE-14

*[Signature]*  
KAVITHA  
MP VENDOR  
TREASURER  
THE COMMISSIONER  
TAMILNADU  
BX 269322



**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
ENTHU TECHNOLOGY SOLUTIONS INDIA PVT LTD, COIMBATORE  
AND  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE**

- The Memorandum of Understanding (MoU), effective on the date it is signed by official representatives, is entered into by and between Enthu Technology Solutions India Pvt Ltd.,(ENTHUTECH) having a primary busines. address at Plot No:32 5<sup>th</sup> Street Block B Deepa mill road PMR Layout Goldwin Coimbatore -611014, Tamil Nadu, India and Coimbatore Institute of Technology, a highly reputed Technical Institution, having a primary business address of Civil Aerodrome Post, Coimbatore -641014, Tamil Nadu, India, hereafter referred to as "Parties"

*[Signature]*



*[Signature]*

## I. Background

ENTHUTECH are the leading solution consultants. Their mission is to up-skill and scale with continuous learning to lead an innovation-driven business approach. R&D has also been a process of their business stimulus. They offer proven and defined strategies to translate ideas into actionable solutions.

Coimbatore Institute of Technology (CIT), a highly reputed Technical Institution is committed to imparting high-quality education and training to its students to make them World-class engineers with a foresight to the changes and problems, and pioneers to offer innovative solutions to benefit the nation and the world at large.

ENTHUTECH and CIT recognize the value of cooperative educational, scientific, and training experiences that integrate theory and practices for their mutual benefit to increase contributions to innovation and technology, share their knowledge with the public at large, and develop and educate future generations.

## II. Purpose

This MoU sets down a framework for collaboration between the organizations to enhance contribution to research and training using the expertise and facilities available.

## III. Area of Collaboration

To achieve this purpose, ENTHUTECH and CIT staff will collaborate in the development of research, educational and training programs in areas of common interest that are beneficial for their professional development and institutional missions and will lead to increased understanding and collaboration between the parties. These activities may include:



2  
For Enthu Technology Solutions India Pvt. Ltd.

*P. Anish*

Director

- A. Professional exchanges between faculty/scientist/staff members to increase understanding and develop new programs of collaboration in research and development.
- B. Training and Internship for UG/PG/Ph.D. Students.
- C. Design and customize curriculum in emerging technologies
- D. Joint seminars, lectures, and symposia in their respective institutions, and other national and international forums of mutual interest.
- E. Cooperative efforts to develop grant proposals and raise funds for their research and educational programs.
- F. Conducting collaborative Hackathons for students to drive innovation.
- G. Joint publications in peer-reviewed scientific journals reporting on the results of their research collaborations.
- H. Additional areas of collaboration developed through mutual understanding, subject to the parties' institutional mandates and priorities.

#### IV. Designated Points of Contact

The officials with overall responsibility for the supervision and coordination of activities under this MOU are listed below. The parties may, by written notice to each other, designate additional or different officials as points of contact.

For ENTHUTECH:  
P. Gowri Sankar  
Co-Founder & Director  
Enthu Technology solutions India Pvt Ltd.,  
Coimbatore -641014  
+91 9940716782  
Email: gowrisankar@enthutech.in  
Tamil Nadu, India

For CIT:  
Dr. A. Rajeswari  
Principal  
Coimbatore Institute of Technology,  
Coimbatore-641014  
Telephone: +91- 422 - 2573187  
Email: principal@cit.edu.in



For Enthu Technology solutions India 3/24

PC Laksh

Director

#### V. Disclosure and Publicity

- A. Both parties may disclose to the public this MOU and information concerning activities and projects contemplated herein by their respective policies on the disclosure of information.
- B. Any party may use no activity, and no work created by any activity, undertaken in connection with this MOU for commercial purposes directly or indirectly.

#### VI. Term, Modification and Termination

- A. This MOU comes into effect when authorized representatives of the parties sign it. The MOU will continue in force and effect for a period of five (5) years from the date. Renewal of the MOU may be initiated at the end of each such five-year period and will require signatures by authorized officials of the parties.
- B. The parties may also by mutual agreement modify this MOU at any time.
- C. This MOU may be terminated at the request of either party by giving advance written notice of sixty (60) days.

#### VII. Miscellaneous

- A. As a general principle, the parties will encourage their staff to publish and otherwise disseminate all knowledge and information derived from research conducted under this MOU. For collaborative research projects initiated together, the parties will share data, publications and technical advice as per the agreed protocol. Unless otherwise agreed upon, work, inventions, improvements, discoveries, or developments arising from this MOU whether patentable, copyrightable or not which are made by the employees of ENTHU TECH shall be governed by ENTHU TECH policies and procedures and those made by employees of the CIT shall be governed by the CIT policies and procedures. In such cases where it is difficult to identify or separate the contributions of each party, the title shall be negotiated in good faith.



For EnthU Technology Solutions India Pvt. Ltd.

Director

- B. Party is obligated to provide or exempt from any monies or other resources in connection with this MOU. Resources for implementation of any undertaking that may result from this MOU may come from or through either party, depending upon budgetary availability and by the laws, regulations, policies and procedures applicable to the respective party. No commencement of any specific projects resulting from this MOU may be initiated before the written assurance of such budgetary availability to the other party. To the extent, any external funding is required for any other purpose and funding for such purpose is not appropriated or otherwise made available, neither ENTHU TECH nor CIT will have further financial obligations upon such a determination. Joint submission of any proposal for external funding will require approval from each party.
- C. The implementation of any cooperative research, education, training activity or any proposed visit shall be conditional upon both the availability of sufficient funding acceptable to each of the parties and the execution of a written agreement therefore, signed by authorized officials.
- D. This MOU is not legally binding and does not create any right, obligation or benefit, substantive or procedural, enforceable by law or equity against either one of the parties, their officers or employees, or any other person.
- E. This MOU does not create any joint venture, agency relationship, or legal relationship between the parties.
- F. To the extent permitted by law, each party will be responsible for the acts and omissions of its officers and employees. Nothing in this MOU is



For Director, Center for Higher Education Solutions India Pvt. Ltd.,

*PCFISH*

Director

intended to waive the privileges and immunities of either one of the parties, their officers, and employees.

Signed on this day .....19.02.2024....., in two originals in the English language.

Signatures:

ENTHU TECH:

For Enthu Technology Solutions India Pvt Ltd.

By: P. G. Sankar

P. GOWRI SANKAR

Director

Co-Founder and Director

Enthu Technology Solutions India Pvt Ltd.,

Coimbatore -641014.

CIT:

By: A. Rajeswari

Dr. A. Rajeswari

Principal

Coimbatore Institute of Technology,

Coimbatore-641014



Witnesses:

1. Poonagathai  
19/2/2024  
(Dr. M. POONAGATHAI)

Dr. S. Arjuna  
19/2/2024  
(Dr. S. ARJUNA)

2. Balamurugesan  
[R. BALAMURUGESH]

Balaji

**COIMBATORE INSTITUTE OF TECHNOLOGY,  
COIMBATORE- 641014**

(Government Aided Autonomous Institution Affiliated to Anna University)

**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**B.E ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**ECE ASSOCIATION, IETE STUDENT'S FORUM &  
IE(I) STUDENTS' CHAPTER**

**Workshop on PCB DESIGN & FABRICATION:**

PCB Designing Workshop was conducted in National level technical symposium on

The PCB Designing Workshop by the expert MR.M BALAJEE, Product Manager, Entho technology solutions India Pvt .Ltd., is a collaborative endeavor between industry experts and enthusiasts, promises to be a transformative experience for participants. Scheduled to take place over several days, the workshop aims to provide attendees with comprehensive knowledge and hands-on experience in the intricacies of printed circuit board (PCB) design. Through a combination of informative lectures, interactive sessions, and practical exercises, participants will delve into the fundamentals of PCB layout, component placement, routing techniques, and design validation. Led by seasoned professionals with years of industry experience, the workshop will offer invaluable insights and practical tips to help attendees master the art of PCB design and optimization.

From understanding the nuances of signal integrity and impedance control to navigating the latest design software tools, participants will gain a deep understanding of the entire PCB design process, from concept to production.

Whether seasoned professionals looking to enhance their skills or beginners eager to enter the field, the PCB Designing Workshop offers a unique opportunity for individuals to expand their knowledge, network with peers, and embark on a journey of continuous learning and growth in the exciting world of electronics design.

No. of students participated : 30

Mode of conduct: Offline



COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE - 14  
 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
 ECE ASSOCIATION, IETE STUDENTS' FORUM & IE(I) STUDENTS' CHAPTER  
 ORGANIZES

NATIONAL LEVEL TECHNICAL SYMPOSIUM

**PINNACLE 2K24**

# WORKSHOP ON PCB DESIGNING AND FABRICATION

Join us for an immersive workshop on Printed Circuit Board (PCB) Designing and Fabrication, brought to you by the Department of Electronics and Communication Engineering (ECE) as part of our Pinnacle series. This workshop aims to provide participants with hands-on experience and practical insights into the intricate process of PCB design and fabrication.

## Workshop Highlights:

- Introduction to PCB design principles and tools
- Understanding the PCB fabrication process
- Hands-on sessions on designing PCB layouts
- Techniques for optimizing PCB designs for performance and cost-effectiveness
- Troubleshooting common PCB design issues
- Tips for success: PCB fabrication and assembly

## EXPERT



**M. BALAJEE**

PRODUCT MANAGER,  
 ENTHU TECHNOLOGY SOLUTIONS INDIA  
 PVT. LTD.

**22<sup>nd</sup> MARCH 2024**

**10:00 AM - 05:00 PM**

<https://pinnacle2k24.github.io/symposium/>

+91 53631 60350

## REGISTRATION FEE

**Rs 200/-**



**REGISTER NOW**

**LIMITED SEATS AVAILABLE | RESERVE YOUR SPOT NOW**

**Certificates will be provided for all the participants**

OUR PARTNERS



**PARTICIPANT NAMELIST:**

<b>NAME</b>	<b>COLLEGE</b>
SONIYA D	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
SAKTHI R	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
ABHISHEK KV	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
JOTHI P	KGISL INSTITUTE OF TECHNOLOGY
JOYCE PETRICIA V	KGISL INSTITUTE OF TECHNOLOGY
MATHUMITHA U	KGISL INSTITUTE OF TECHNOLOGY
DINESH M	KGISL INSTITUTE OF TECHNOLOGY
DEEPAN S	KGISL INSTITUTE OF TECHNOLOGY
PRABHAKARAN S	COIMBATORE INSTITUTE OF TECHNOLOGY
LOHITH R	COIMBATORE INSTITUTE OF TECHNOLOGY
MITHUN R	DR NGP INSTITUTE OF TECHNOLOGY
ALAGU KAILASH B	DR NGP INSTITUTE OF TECHNOLOGY
VISHNUPRAKASH R	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
MOWNISH A	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
VIGNESH R	EXCEL ENGINEERING COLLEGE
VISHNU KUMAR S	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
NAVEEN K	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
ARUMUGAM AKASH	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
ARUNMOZHIVARMAN	HIND HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY USTHAN COLLEGE
BHARATHKUMAR G	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY
HARTHIKA N	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY
SWASTHIKA R	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY

AKILAN A	P.A COLLEGE OF ENGINEERING AND TECHNOLOGY
KISHOR S	Dr.NGP INSTITUTE OF TECHNOLOGY
HARISH R	Dr.NGP INSTITUTE OF TECHNOLOGY
MIRTHUVARSHINI M	COIMBATORE INSTITUTE OF TECHNOLOGY
SHRUTHI S	COIMBATORE INSTITUTE OF TECHNOLOGY
SATHISH B	HINDUSTHAN ENGINEERING AND TECHNOLOGY
DHIVISHATH S J	HINDUSTHAN ENGINEERING AND TECHNOLOGY
GOKUL GANDHI E	HINDUSTHAN ENGINEERING AND TECHNOLOGY
PRAKASH J	HINDUSTHAN ENGINEERING AND TECHNOLOGY
LOGESH S	HINDUSTHAN ENGINEERING AND TECHNOLOGY
PASUPATHI S	HINDUSTHAN ENGINEERING AND TECHNOLOGY
SRINIVASAN B	HINDUSTHAN ENGINEERING AND TECHNOLOGY
PRAVIN S	HINDUSTHAN COLLEGE OF ENGINEERING
ARAVINDHASAMI S	HINDUSTHAN COLLEGE OF ENGINEERING
PAVAN KUMAR S	HINDUSTHAN COLLEGE OF ENGINEERING

STEWARD CONSIYAN P	HINDUSTHAN ENGINEERING AND TECHNOLOGY
GOPI A	HINDUSTHAN COLLEGE OF ENGINEERING
PRANAV V	Dr.NGP INSTITUTE OF TECHNOLOGY
SANDHIYA E	PAAVAI ENGINEERING COLLEGE
THANGAVELU K	Dr.NGP INSTITUTE OF TECHNOLOGY
DARSHAN R	Dr.NGP INSTITUTE OF TECHNOLOGY
HAREESH K S	Dr.NGP INSTITUTE OF TECHNOLOGY
MECHA	Dr.NGP INSTITUTE OF TECHNOLOGY
KRITHIKA J	COIMBATORE INSTITUTE OF TECHNOLOGY
MYTHILI S	COIMBATORE INSTITUTE OF TECHNOLOGY
PRAVEENA P	PA COLLEGE OF ENGINEERING
SANGAMITHRA V	PA COLLEGE OF ENGINEERING
THAMAYANDHI S	COIMBATORE INSTITUTE OF TECHNOLOGY
KAVIYAN S	COIMBATORE INSTITUTE OF TECHNOLOGY
KESAVAN R	COIMBATORE INSTITUTE OF TECHNOLOGY
DEEPAN R	COIMBATORE INSTITUTE OF TECHNOLOGY
SRI RAM K	SKCET
SIDDHARTH S	SKCET

SURYA RP	SKCET
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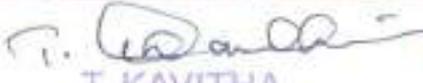
YASWANTH ADITHYAN K	SKCET
PRASHANTHINI T	COIMBATORE INSTITUTE OF TECHNOLOGY
ABIKARTHIGA S R	COIMBATORE INSTITUTE OF TECHNOLOGY
REETHIKHA K	COIMBATORE INSTITUTE OF TECHNOLOGY
RAHUL R	Dr.NGP INSTITUTE OF TECHNOLOGY
ESHWAR P	Dr.NGP INSTITUTE OF TECHNOLOGY
PRAMOTH K	HINDUSTHAN ENGINEERING AND TECHNOLOGY
PRITHISH RAJ S	HINDUSTHAN ENGINEERING AND TECHNOLOGY
SARANKRITHICK	HINDUSTHAN ENGINEERING AND TECHNOLOGY
NANJUNDESWARI.M	DR NGP INSTITUTE OF TECHNOLOGY
PADMASIVASANGARI S R	DR NGP INSTITUTE OF TECHNOLOGY
NISITA M	DR NGP INSTITUTE OF TECHNOLOGY
SRIGANTH M	DR NGP INSTITUTE OF TECHNOLOGY
SAKTHIVEL. R	DR NGP INSTITUTE OF TECHNOLOGY
NISHANTH V	DR NGP INSTITUTE OF TECHNOLOGY
RAJESH R	DR NGP INSTITUTE OF TECHNOLOGY



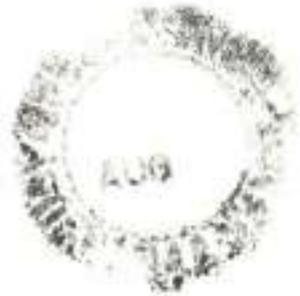
தமிழ்நாடு தமில்நாடு TAMILNADU

21.2.2020

The principal CIT  
CBE-14

  
T. KAVITHA  
STAMP VENDOR  
1/29-A, SAKTHIESWARNAGAR,  
VELLALORE, COIMBATORE  
TAMILNADU  
REF. No : 7323/B/1/2008/4

BX 269325



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE-641014  
AND  
5C NETWORK PVT LIMITED, BANGALORE

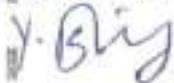
PREAMBLE

COIMBATORE INSTITUTE OF TECHNOLOGY (CIT), COIMBATORE (herein called Institution) a highly reputed Technical Institution having the vision of becoming a Centre of Excellence which has learned faculty, high quality laboratories and facilitates and large student community, who can complement the efforts of industries.

and

5C NETWORK PVT LIMITED, BANGALORE (herein called Company), one of the leading radiology interpretation platforms in India working relentlessly for their healthy growth, global competitiveness and providing teleradiology services to diagnostic centers and hospitals

Jointly agree to exchange their expertise for mutual benefit and growth on the terms mentioned hereunder.





## SCOPE OF CO-OPERATION

Both the parties believe that close co-operation would be of major benefit mutually to institution and company. Accordingly, the following objectives are identified

- Regular exchange of resource and knowledge
- Tapping of potentials which contribute to mutual benefits
- Joint effort to identify avenues for improving the relationship and its products
- Striving to achieve the mission and work on the path of vision to maintain the quality policy of the component Institutions

The above objectives may be accomplished through the following activities:

1. Visits on either side
2. Training and placement
3. Sharing of facilities
4. Joint venture programs
5. Project work and problem solving (Consultancy work)
6. Study, survey, Research and Development

### 1. VISITS ON EITHER SIDE

The Company would be instrumental to permit the students of the Institution to undertake Industrial Visits and Students Internship under its purview for the benefit of practical exposure.

The Institution would be happy to facilitate for the institutional visit of experts from the company. If any important technical meetings & Conferences are held in the institution, invitation could be extended to the company.

### 2. TRAINING AND PLACEMENT

Training to students during vacation or otherwise special, may be facilitated by the Company through the Institution.

Any type of training program falling within the scope of the institution for industrial personnel, staffs and executives will be provided by the Institution. However, every program would have to be worked out separately by both the Institution and the Company.

Placement to students is arranged by the Placement Cell of the institution and the company would contribute to the success of the program.

*Y. B. S.*

*Rijm*

### 3. SHARING OF FACILITIES

The Company can facilitate making use of various equipments, laboratories, library, computers of the institution for the purpose of testing, study, calibration and research activities. Similarly the students and/or staff may also be permitted, if required to utilize the facilities of the Company for the broad purpose of education, teaching, skill development, etc. However every such usage of facility may be mutually coordinated with respective in charge of the facility prior to the utilization.

### 4. JOINT VENTURE PROGRAMS

Technical conferences, seminars, faculty development program, symposium, exhibitions, practical testing classes may be arranged under joint venture by both parties, the logistics of which are to be worked out separately for every program.

### 5. PROJECT WORK AND PROBLEM SOLVING

The Company would strive to use the students for doing live projects at their industries while the institutional faculty would be willing to undertake any short-term project or problem solving for the industries, the logistics of which are separate. A copy of such project report developed by the students of Institution may be sent to the company.

### 6. STUDY, SURVEY, RESEARCH AND DEVELOPMENT

The Company can facilitate to provide opportunities and inputs to students of the institution to undertake field studies and provide inputs for surveys related to technical field and innovations therein. The institution may help the company members for product development, quality improvement, cost control and testing at appropriate cost.

### GENERAL

1. Based on the need for human resource, the Company would give priority to the students of the institution in recruitment of technical personnel other things being equal.
2. A Steering Committee consisting of one member from both the parties would be functionary to execute this MoU.
3. The Steering Committee will provide policy direction related to all activities and financial implications.
4. The steering Committee would meet twice in a year to review the progress in the elements of this MoU.
5. Any other matter which falls as a result of any above mentioned would be discussed and suitable action would be taken.

Y B S

Rajm

**MoU**

Both the Institution and Company value the spirit of this MoU and would strive to continuously develop its various features.

Signed at Coimbatore Institute of Technology, Coimbatore -64104. on the 14<sup>th</sup> day of February, Two Thousand and Twenty Four.

**For Company**

Signature Y. Bij

Name : Y Kirthiraj

Title : CTO

D. Ananda Kumar  
Name : D. ANANDA KUMAR  
Title : Product Manager

**For Institution**

Signature Rajm

Name : **Dr. A. RAJESWARI, M.E., Ph.D.,**  
**PRINCIPAL**  
**GOIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014.**

Title :

Dr. Vallappan  
Name : Dr. Vallappan  
Programs Head



தமிழ்நாடு தமில்நாடு TAMILNADU

T. Kavitha BX 269326

21.2.2020

The principal CIT  
CBE-14

T. KAVITHA  
STAMP VENDOR  
1/29-A, SAKTHIASWARNAJAT,  
VELLALDRE, COIMBATORE  
TAMILNADU  
REF. No : 7323/B1/2008/4



MEMORANDUM OF UNDERSTANDING  
BETWEEN

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE-641014  
AND  
EFFITRAC SOLUTIONS INDIA PRIVATE LIMITED, COIMBATORE

PREAMBLE

COIMBATORE INSTITUTE OF TECHNOLOGY (CIT), COIMBATORE (herein called Institution) a highly reputed Technical Institution having the vision of becoming a Centre of Excellence which has learned faculty, high quality laboratories and facilitates and large student community, who can complement the efforts of industries.

and

EFFITRAC SOLUTIONS INDIA PRIVATE LIMITED, COIMBATORE (herein called Company), leading ERP Solution offers both Cloud / SaaS and On-Premise Solutions to meet any industry demands. The company empowers MSMEs with a technology platform that helps them to make decisions quickly and focus on growth.

Jointly agree to exchange their expertise for mutual benefit and growth on the terms mentioned hereunder.

## SCOPE OF CO-OPERATION

Both the parties believe that close co-operation would be of major benefit mutually to institution and company. Accordingly, the following objectives are identified

- Regular exchange of resource and knowledge
- Tapping of potentials which contribute to mutual benefits
- Joint effort to identify avenues for improving the relationship and its products
- Striving to achieve the mission and work on the path of vision to maintain the quality policy of the component Institutions

The above objectives may be accomplished through the following activities:

1. Visits on either side
2. Training and placement
3. Sharing of facilities
4. Joint venture programs
5. Project work and problem solving (Consultancy work)
6. Study, survey, Research and Development

### 1. VISITS ON EITHER SIDE

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### 2. TRAINING AND PLACEMENT

Training to students during vacation or otherwise special, may be facilitated by the Company through the Institution.

Any type of training program falling within the scope of the institution for industrial personnel, staffs and executives will be provided by the Institution. However, every program would have to be worked out separately by both the Institution and the Company.

Placement to students is arranged by the Placement Cell of the institution and the company would contribute to the success of the program.



### 3. SHARING OF FACILITIES

The Company can facilitate making use of various equipments, laboratories, library, computers of the institution for the purpose of testing, study, calibration and research activities. Similarly the students and/or staff may also be permitted, if required to utilize the facilities of the Company for the broad purpose of education, teaching, skill development, etc. However every such usage of facility may be mutually coordinated with respective in charge of the facility prior to the utilization.

### 4. JOINT VENTURE PROGRAMS

Technical conferences, seminars, faculty development program, symposium, exhibitions, practical testing classes may be arranged under joint venture by both parties, the logistics of which are to be worked out separately for every program.

### 5. PROJECT WORK AND PROBLEM SOLVING

The Company would strive to use the students for doing live projects at their industries while the institutional faculty would be willing to undertake any short-term project or problem solving for the industries, the logistics of which are separate. A copy of such project report developed by the students of Institution may be sent to the company.

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**MoU**

Both the Institution and Company value the spirit of this MoU and would strive to continuously develop its various features.

Signed at Coimbatore Institute of Technology, Coimbatore -64104. on the 14<sup>th</sup> day of February, Two Thousand and Twenty Four.

**For Company**

Signature \_\_\_\_\_



Name : Logesh Velusamy  
Title : founder , CEO.

Dr. M. Prabhavathy M.B.A.

**For Institution**

Signature \_\_\_\_\_



Name : **Dr. A. RAJESWARI, M.E., Ph.D.**  
: **PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
Title : **COIMBATORE-641 014.**



Dr. Vallappan  
Program Head



தமிழ்நாடு தமில்நாடு TAMILNADU

*T. Kavitha*

BU 091212

54447  
17-11-2018

V. Rangesamy Naidu  
Educational Trnst  
CBE

T. KAVITHA  
STAMP VENDOR  
1/29-A, SAKTHIASWARNAGAR,  
VELLALORE, COIMBATORE  
TAMILNADU  
REF. No : 7323/B1/2008/4



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE-641014  
AND  
KOVAN LABS, COIMBATORE

PREAMBLE

COIMBATORE INSTITUTE OF TECHNOLOGY (CIT), COIMBATORE (herein called Institution) a highly reputed Technical Institution having the vision of becoming a Centre of Excellence which has learned faculty, high quality laboratories and facilitates and large student community, who can complement the efforts of industries.

and

KOVAN LABS, COIMBATORE (herein called Company), leading IT organization in Coimbatore district, which involves in building the perfect digital strategy that propels customers to a faster time-to-market with significant competitive advantage. The company offers best class IT solutions and services to their customer on time, performant and future proof their business needs

Jointly agree to exchange their expertise for mutual benefit and growth on the terms mentioned hereunder.

## **SCOPE OF CO-OPERATION**

Both the parties believe that close co-operation would be of major benefit mutually to institution and company. Accordingly, the following objectives are identified

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4. Joint venture programs
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The Company can facilitate to provide opportunities and inputs to students of the institution to undertake field studies and provide inputs for surveys related to technical field and innovations therein. The institution may help the company members for product development, quality improvement, cost control and testing at appropriate cost.

### GENERAL

1. Based on the need for human resource, the Company would give priority to the students of the institution in recruitment of technical personnel other things being equal.
2. A Steering Committee consisting of one member from both the parties would be functionary to execute this MoU.
3. The Steering Committee will provide policy direction related to all activities and financial implications.
4. The steering Committee would meet twice in a year to review the progress in the elements of this MoU.
5. Any other matter which falls as a result of any above mentioned would be discussed and suitable action would be taken.

### MoU

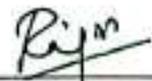
Both the Institution and Company value the spirit of this MoU and would strive to continuously develop its various features.

Signed at Coimbatore Institute of Technology, Coimbatore -641014. on the 18<sup>th</sup> day of January, Two Thousand and Twenty Four.

For Company

For Institution

Signature 

Signature 

Name : GOKULDHAMODHARAN

Name : **Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL  
GOIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.**

Title : Co-Founder

Title :





भारतीय गैर न्यायिक

बीस रुपये

रु.20

Rs.20

TWENTY  
RUPEES

INDIA

INDIA NON JUDICIAL

தமிழ்நாடு தமில்நாடு TAMIL NADU

6-9-2019 The Principal CIT

Cbe

T. KAVITHA 68AB 824132  
STAMP VENDOR  
1/29-A, SAKTHIESWARAR, COIMBATORE,  
VELLALORE, COIMBATORE  
TAMILNADU  
REF No: 7327/51/2008/4

MEMORANDUM OF UNDERSTANDING  
BETWEEN  
DEPARTMENT OF CIVIL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE  
AND  
M/s. DIMENSIONS, COIMBATORE

PREAMBLE

THIS MEMORANDUM OF UNDERSTANDING herein after called MoU is arrived between Department of Civil Engineering, Coimbatore Institute of Technology, Avinashi Road, Civil Aerodrome Post, Peelamedu, Coimbatore, Tamil Nadu 641014, India, herein after referred to as CIT and M/s. DIMENSIONS, Coimbatore.

Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FIEE., FIPE., FORSI  
PRINCIPAL

COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

1



DIMENSIONS

Dr.A.SUDHAHAR, M.E (Struct), Ph.D.  
Chief Consultant  
57, Kottaswamy Mudhalayar Street  
Brooke Bond Road, R.S. Puram  
Coimbatore - 641 002  
Phone: +91 422 - 2550502, 98476 23400

This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and M/s. DIMENSIONS through co-operation in the fields of Training, Testing, conducting Conferences and Consultancy Services on the basis of mutual benefits & interests.

### 1.0 JUSTIFICATION

Applications of Civil Engineering concepts also require an in-depth understanding of real time scenarios and requirements. It is not always possible to simulate these kinds of scenarios within the college premises and class rooms with the limitations of contact hours and infrastructural features. If the students are provided with an opportunity and a platform to get access to real time projects and design challenges, the relevance of applying their theoretical knowledge to solve real time problems can be revealed. Also the vast research knowledge of the faculty and the testing and computational facilities in the Institution shall provide a huge opportunity for the practising Engineers to obtain optimal solutions for problems which could not be solved at the design offices.

### 2.0 OBJECTIVES

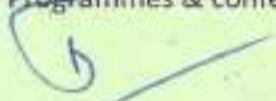
- To provide training to faculty and students of Coimbatore Institute of Technology, on design & construction techniques.
- To provide exposure on construction Practices.
- To provide access to DIMENSIONS to utilize the Coimbatore Institute of Technology lab facility for testing & experimentations.
- To jointly develop structural Engineering incubation Centre which simulate a design office with students as the participants.
- To support student projects in terms of guidance, resource usage and help them in choosing more practical related topics.

### 3.0 ROLE OF COLLABORATING PARTIES

- The parties will support co-operation in the fields of Training, Testing, and Consultancy on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.

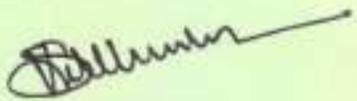
#### 3.1 COIMBATORE INSTITUTE OF TECHNOLOGY

- To propose the training module to be considered for training the faculties and students
- To suggest the team of students interested in taking projects in design & construction.
- To offer testing and consultancy services to DIMENSIONS, at mutually agreed terms
- To collaborate and jointly execute design projects proposal by DIMENSIONS
- To involve DIMENSIONS experts in research projects as external examiner or co-guide for any Master's and Doctorate research projects.
- To provide five registrations for at least 3 personals from DIMENSIONS for Programmes & conferences conducted by CIT.

  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FJIE, FIPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

2



  
**DIMENSIONS**  
Dr. A. SUDAHAR, M.E (Struct.), Ph.D.  
Chief Consultant  
37, Krishnaswamy Mudhaliyar Street  
Brooke Bond Road, R.S. Puram  
Coimbatore - 641 002  
Phone: +91421-2850503, 90470 22400

### 3.2 DIMENSIONS

- To arrange industry visits for Coimbatore Institute of Technology faculties and students and extend the training on Construction Practices.
- To provide internship to students in Design & Constructions.
- To involve in programmes and projects of mutual benefit, that shall include visits and exchange of experts of technical personnel.
- To depute Experts from DIMENSIONS, as resource persons for guest lectures.
- To participate in conferences, symposia, courses, workshops, exhibitions and other joint meetings of mutual interest.
- To participate in joint training /education programme to raise the employability of students.
- To provide placement opportunities for Civil Engineering students after the completion of their course.

### 4.0 TERMS OF REFERENCE

#### 4.1 FINANCE

The activities which are stated in this MOU shall not be chargeable unless they are based on mutually agreed terms and conditions by both the parties. Both the parties shall not have any obligation or commitments to either of the parties.

#### 4.2 CO-ORDINATING AND MONITORING

- A co-ordinating committee will be constituted with one representative each from Coimbatore Institute of Technology and DIMENSIONS for implementing the activities.
- An annual review meeting will be arranged by the Co-ordinator of Coimbatore Institute of Technology inviting the executives from DIMENSIONS and review the progress of the collaborative activities.

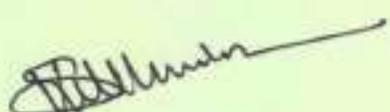
#### 4.3 VALIDITY

- This MOU will be valid for 3 years from the date of execution of this MOU.
- However, if both the parties agree to terminate this MOU, with one month notice, the same can be legally terminated.
- The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FIE., FIE., FIPE., FORSI**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE - 641 014 INDIA**

3



  
**DIMENSIONS**

**Dr. A. SUDHAKAR, M.E (Struct), Ph.D.**  
**Chief Consultant**  
57, Krishnaaswamy Mudhaliver Street  
Brooke Bond Road, R.S. Puram  
Coimbatore - 641 002  
Phone: +91 422 - 2930503, 98479 23400

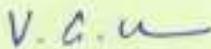
Signed at Coimbatore Institute of Technology, Coimbatore on 16<sup>th</sup> day of September, Two Thousand Nineteen

For and on behalf of

Coimbatore Institute of Technology

Principal  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FIEE., FIPE., FORSI  
PRINCIPAL

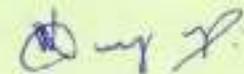
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

1. 

Head of the Department

Department of Civil Engineering

Coimbatore Institute of Technology Avinashi Rd,  
Civil Aerodrome Post, Peelamedu, Coimbatore,  
Tamil Nadu 641014

2. 

Dr. V. NAGARAJAN M.E., Ph.D

Associate Professor (R.D)

Department of Civil Engineering

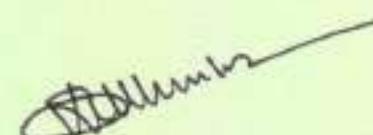
Coimbatore Institute of Technology

Coimbatore 641 014

For and on behalf of

DIMENSIONS



  
DIMENSIONS

Dr.A.SUDHAKAR, M.E (Struct), Ph.D  
Chief Consultant  
S7, Krishnaswamy Muthaliyar Street  
Srinagar Road, R.S. Puram  
Coimbatore - 641 002  
Phone: +91 422 - 2550002, 90470 23400



# **CIVIL ENGINEERING ASSOCIATION**

**Department of Civil Engineering**

**COIMBATORE INSTITUTE OF TECHNOLOGY**

*(Govt. Aided Autonomous Institution Affiliated to Anna University)*

**Coimbatore -641 014**

**TECHNICAL TALK**

**ON**

**DESIGN & CONSTRUCTION ERRORS**

**“Diagnosis is costlier than medicine”**

The statement given by the speaker Dr.A.Sudhahar who made the presentation on 27th December, 2018.

He is a Chief Consultant in Dimensions, Coimbatore.

The cost towards repair is more compared to construction. As a Civil Engineer it is our prime duty to avoid defects of the building upto lifetime. This seminar clearly pointed out the errors that occur in construction. Errors that mainly occur are dimensional and constructional. Incase if it is constructional error it might be due to material or workmanship.

Therefore he emphasized to choose the materials carefully. Moreover he suggested some techniques to improve the lifetime of buildings and to reduce the damages.

Estimation and costing is a prerequisite in construction.



# CIVIL ENGINEERING ASSOCIATION

Department of Civil Engineering

COIMBATORE INSTITUTE OF TECHNOLOGY

(Govt. Aided Autonomous Institution Affiliated to Anna University)

Coimbatore -641 014

The Faculty Members and Students of  
Department of Civil Engineering  
Cordially invite you for the

## INAUGURAL FUNCTION of CIVIL ENGINEERING ASSOCIATION

**Dr.V.SELLADURAI**

*Principal, CIT*

will preside over the function

**Dr.A.SUDHAHAR**

*Chief Structural Consultant*

*Dimensions,*

*Coimbatore.*

will be the Chief Guest

**Dr.V.G.SRISANTHI**

*Professor & Head,*

*Department of Civil Engineering, CIT*

will welcome the gathering

Venue : Library Building Conference Hall

Date : 17.07.2019, Wednesday

Time : 2.30 pm



All are Invited

V.G. ✓ 16/7/19  
**H.O.D., (CIVIL)**  
C.I.T., Coimbatore-14.



# CIVIL ENGINEERING ASSOCIATION

Department of Civil Engineering

**COIMBATORE INSTITUTE OF TECHNOLOGY**

*(Govt. Aided Autonomous Institution Affiliated to Anna University)*

Coimbatore -641 014

Civil Engineering Association

Cordially invite

you for the

**TECHNICAL TALK**

on

**Economy in Concrete Mixes**

for

**B.E & M.E Civil Engineering students**

by

**Dr.A.SUDHAHAR**

Director, Dimensions,

Coimbatore

**Venue : Library Building Conference Hall**

**Date : 20.09.2022, TUESDAY**

**Time : 3.30 pm**

**All are Invited**

M.V.



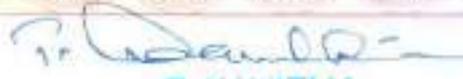
V. A. U.  
20/09/2022  
H.O.D., (CIVIL)  
C.I.T. Coimbatore - 14



தமிழ்நாடு தமில்நாடு TAMILNADU

The Principal CIT

Coimbatore - 14

  
T. KAVITHA

STAMP VENDOR

1/29-A, SATHYANAGAR,  
VELLALORE, COIMBATORE  
TAMILNADU

DE 114790

MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding is made on 07<sup>th</sup> October 2023 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. **Wafe Auxiliary Chemicals Pvt Ltd**, No. S.F NO.40/2, Kurukkampalayam, MGC palayam Post, Near Ganesapuram, Coimbatore - 641 107 Tamil nadu, India, (hereinafter called '**WAFE**'), represented by its **Managing Director**, **Mr.P.V.Ramakrishna**.

AND

**Coimbatore Institute of Technology**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called '**CIT**' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr.A.Rajeswari**.



Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.



**WAFE** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work, benefiting MSME's of Coimbatore region and the details are reduced into this MoU for future reference.

#### **PREAMBLE**

**WAFE** and the **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements
9. Monitoring
10. Consultancy
11. Validity and Termination

#### **Terms Agreed**

##### **1. Industrial Visit**

Subject to operational feasibility, WAFE will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, bio-reactors, formulation of textile dye, process equipments and systematic processes. The Industrial visit shall be informed to WAFE by CIT prior to a week period.

##### **2. In-plant Training & Certificate and other necessary skill development training**

WAFE will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bona-Fide from Institution as a token of representation.

  
Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.



To facilitate the students, WAFE will also conduct onsite training using software like AutoCAD, Solid Works and other simulation software ( if any) for knowledge up gradation at a cost as mutually agreed upon.

### **3. Guest Lecture**

WAFE will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; the CIT will provide expertise and its facilities to WAFE. It is agreed to have periodical presentation of papers from the learned faculty members of the CIT and WAFE, on mutual consent.

### **4. Project Work**

WAFE may allow students of the CIT for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

### **5. Research & Development**

WAFE may allow students and faculty members of the CIT for Research and Development work related in their fields.

### **6. Problem Solving**

Problems identified in thrust areas during the course of interaction between the CIT and WAFE, will be addressed through collaborative work between the CIT and WAFE for further research and problem solving.

### **7. Studies and Survey**

WAFE may provide opportunities and inputs to the students of the CIT to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

### **8. Placements**

As and when deemed necessary, WAFE will guide and assist the students of the CIT in getting better Industrial placements.

### **9. Monitoring**

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from the CIT and WAFE will function as its Secretaries for the purpose of communication and coordination.

Dr. A. Hanu   
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.



## 10 . Consultancy:

Under this Memorandum of Understanding (MoU), the CIT acknowledges its commitment to provide consultancy services to WAFE. Leveraging the expertise of its learned faculty and promising students, the CIT will offer valuable insights, specialized knowledge, and problem-solving capabilities to assist WAFE in addressing industry-specific challenges and opportunities. These consultancy services may encompass areas such as Industry trends analysis, market research, process optimization, and innovative solutions development. In reciprocation, WAFE agrees to seek and utilize the consultancy services of the CIT, recognizing the value of their expertise in various fields. This collaborative consultancy arrangement is intended to promote knowledge sharing, facilitate innovative solutions, and enhance the growth and development of both institutions, ultimately benefiting the MSMEs in the Coimbatore region and fostering a culture of shared learning and cooperation.

## 11. Validity and Termination

This MoU takes effect from 07<sup>th</sup> October 2023 and valid for the period of **Three** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of WAFE is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by WAFE upon mutual consent.

  
**Dr. A. RAJESWARI, M.E., Ph.D.,**  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.



The CIT is to ensure that the students are such people aimed to get benefited and the CIT has to give priority to WAFE in the routine outbound learning and training related activities. In the event of any damage or loss incurred by WAFE by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by the CIT.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 07<sup>th</sup> October 2023 AT COIMBATORE.

For COIMBATORE INSTITUTE  
OF TECHNOLOGY

For WAFE AUXILIARY CHEMICALS PVT  
LIMITED



Dr. A. Rajeswari  
PRINCIPAL

Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.

P.V. Ramakrishna  
MANAGING DIRECTOR

Witness:

1)

Dr. M. THIRUVANANTHAPURAM, M.Tech., Ph.D.  
Professor and Head  
Department of Chemical Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014, INDIA.

2)

S. Geetha  
(HR & Admin)

**FACULTY – CHEMICAL ENGINEERING**

**INDUSTRIAL VISIT**

**REPORT**

**JACOBI CARBONS INDIA  
PRIVATE LIMITED**

**Kinathukadavu Post  
Pollachi Taluk, Coimbatore - 642 109**

**&**

**M/s. WAFE Auxiliary  
Chemicals Pvt. Ltd**

**Ganesapuram Post  
Annur Taluk, Coimbatore – 641107**

**Date: 7<sup>th</sup> October 2023 (Saturday)**

**Organized by: Department of Chemical Engineering,  
Coimbatore Institute of Technology (CIT), Coimbatore - 641014**

## SESSION – 2

### **Visit to M/s. Wafe Auxiliary Chemicals Pvt Ltd:**

At 2:45p.m., Faculty team of Chemical Engineering reached M/s. Wafe Auxiliary Chemicals Pvt Ltd, located in Ganesapuram, Coimbatore. Management team of WAFE, welcomed our faculty members and was introduced to the company's research and development head Dr.Hema to explain about the initiatives towards development of various products for diverse applications, such as textiles, food, and wastewater treatment process.



### **MoU Signing:**

Meeting with faculty was arranged in a conference hall with Dr.Hema, R & D – Head. MoU was formalized between CIT, represented by **Dr. M. Thirumarimurugan, Professor & Head**, and **Dr. D. Prabhakaran, Professor**, and M/s. Wafe Auxiliary Chemicals Pvt Ltd., Coimbatore.



**Site Tour and discussion:**

The faculty members were guided through the manufacturing facility at M/s. Wafe Auxiliary Chemicals Pvt Ltd, (both Unit 1 & Unit 2) during which they discussed ongoing research and encountered challenges in one of the product manufacturing processes. Valuable insights were shared, and the faculty members provided recommendations for process modifications to address the issues promptly.



**Faculty Team during the Industrial visit to M/s. WAFE auxiliary Chemicals Pvt. Ltd**

Finally the visit was concluded with refreshment arranged at M/s. WAFE auxiliary Chemicals Pvt. Ltd at 5.00 p.m.

### **Summary:**

The industrial visit to **Jacobi Carbons India Private Limited** and **M/s. Wafe Auxiliary Chemicals Pvt Ltd** proved to be an invaluable experience for the faculty of Chemical Engineering at CIT. It offered practical exposure to industrial processes and fostered collaboration between the academic and industrial sectors. We express our gratitude to our beloved **Principal, CIT – Dr. A. Rajeswari** for granting permission to undertake a Industrial visit for the faculty of Chemical Engineering, CIT. As well as the **faculty of Chemical Engineering** extend their thankfulness to both companies for their warm reception and the knowledge-sharing opportunity they provided. This visit has laid the foundation for potential partnerships between Department of Chemical Engineering, CIT, Coimbatore especially towards student engagement in real-world industrial projects.



# WAFE AUXILIARY CHEMICALS PVT LTD

S.F. 40/2, Kurukkamapalayam, M.G.C. Palayam Post Near Ganeshapuram, Coimbatore-641107, Tamilnadu, India

+91 422 2966950 office@wafe.in www.wafe.in

## CERTIFICATE

*This certificate is in appreciation to Karthikeyan. K (2006021) of B. Tech (Chemical Engineering) of Coimbatore Institute of Technology as a formal commendation for the successful completion of project "Design and Simulation studies of static mixer" under the mentorship of Dr. M. Thirumarimurugan during the academic year 2023-2024. This project showcases a comprehensive understanding in Designing Capability and Skill in using the design tools.*

(P.V. RAMAKRISHNA)

Managing Director



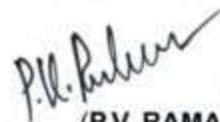


# WAFE AUXILIARY CHEMICALS PVT LTD

S.F. 40/2, Kurukkamapalayam, M.G.C. Palayam Post Near Ganeshapuram, Coimbatore-641107, Tamilnadu, India  
+91 422 2966950 office@wafe.in www.wafe.in

## CERTIFICATE

*This certificate is in appreciation to Pranneshram S.R.(2006029) of B. Tech (Chemical Engineering) of Coimbatore Institute of Technology as a formal commendation for the successful completion of project "Design and Performance Characteristic Studies of Stirred Tank Reactor" under the mentorship of Dr. D. Prabhakaran during the academic year 2023-2024. This project showcases a comprehensive understanding in Designing Capability and Skill in using the design tools.*



(P.V. RAMAKRISHNA)

Managing Director



04/10/2023

தமிழ்நாடு தமில்நாடு TAMILNADU  
The principal CIT  
Coimbatore - 14

  
T. KAVITHA  
STAMP VENDOR  
DE 114791  
120-F, SAKTHESWARINAGAR  
VELLALORE, COIMBATORE  
TAMILNADU 641004

MEMORANDUM OF UNDERSTANDING (MoU)



This Memorandum of Understanding is made on 07<sup>th</sup> October 2023 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. Jacobi Group, having its registered Factories at Coimbatore & Tirunelveli, Tamil Nadu, India, (hereinafter called 'Jacobi'), represented by its Managing Director Mr. A. Antony Thomas

AND

Coimbatore Institute of Technology, established in 1956 (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called 'CIT' and includes its assigns, legal heirs and successors of Part-II, represented by its Principal Dr. A. Rajeswari

  
Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014



For Jacobi Carbons India Private Limited  
  
Director.

**Jacobi** and **CIT** have entered into this agreement with the intention to jointly work on the mutual benefit of knowledge sharing of both sides and the details are reduced into this MoU for future reference.

## **PREAMBLE**

**Jacobi** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
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10. Validity and Termination

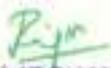
## **Terms Agreed**

### **1. Industrial Visit**

Subject to operational feasibility, **Jacobi** will allow students for industrial visits for the benefit of practical exposure on Activated Carbon & Relevant Technologies. The Industrial visit shall be obtained for permission by **CIT** prior to a week period to **Jacobi**.

### **2. In-plant Training & Certificate and other necessary skill development training**

**Jacobi** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in production area, quality control methodologies in their facilities to get firsthand practical experience. Students shall be provided with Bona-Fide from **CIT** as a token of representation.

  
**Dr. A. RAJESWARI, M.E., Ph.D.,**  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.



For Jacobi Carbons India Private Limited

Director.

### 3. Guest Lecture

**Jacobi** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and **vice versa**; the **CIT** will provide expertise and its facilities to **Jacobi**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **Jacobi**, on mutual consent.

### 4. Project Work

**Jacobi** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

### 5. Research & Development

**Jacobi** may allow students and faculty members of **CIT** for Research and Development work related in their fields based on mutual concurrence.

### 6. Problem Solving

Problems identified in thrust areas during the course of interaction between **CIT** and **Jacobi**, will be addressed through collaborative work between **CIT** and **Jacobi** for further research and problem solving.

### 7. Studies and Survey

**Jacobi** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

### 8. Placements

As and when deemed necessary, **Jacobi** will guide and assist the students of **CIT** in getting better Industrial placements.

### 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **Jacobi** will function as its Secretaries for the purpose of communication and coordination.

  
Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.



For Jacobi Carbons India Private Limited

  
Director.

## 10. Validity and Termination

This MoU takes effect from 07<sup>th</sup> October 2023 and valid for the period of **Three** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis. While these common facilities of **Jacobi** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc., will be finalized by **Jacobi** upon mutual consent.

The **CIT** is to ensure that the students are such people aimed to get benefited and the **CIT** has to give priority to **Jacobi** in the routine outbound learning and training related activities. In the event of any damage or loss incurred by **Jacobi** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by the **CIT**.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 07<sup>th</sup> October 2023 AT COIMBATORE.

For **COIMBATORE INSTITUTE  
OF TECHNOLOGY**

  
**Dr. A. Rajeswari**  
Principal



For **JACOBI GROUP**

For Jacobi Carbons India Private Limited  
  
**Mr. A Antony Thomas**  
Managing Director

Witness:

-   
1) **Dr. M. THIRUMARIMURUGAN, M.Tech, Ph.D.**  
Professor and Head
- 2) Department of Chemical Engineering  
Coimbatore Institute of Technology  
Coimbatore - 041 014, INDIA.

**FACULTY – CHEMICAL ENGINEERING**

**INDUSTRIAL VISIT**

**REPORT**

**JACOBI CARBONS INDIA  
PRIVATE LIMITED**

**Kinathukadavu Post  
Pollachi Taluk, Coimbatore - 642 109**

**&**

**M/s. WAFE Auxiliary  
Chemicals Pvt. Ltd**

**Ganesapuram Post  
Annur Taluk, Coimbatore – 641107**

**Date: 7<sup>th</sup> October 2023 (Saturday)**

**Organized by: Department of Chemical Engineering,  
Coimbatore Institute of Technology (CIT), Coimbatore - 641014**

**Participants:** Faculty of Chemical Engineering, CIT

**Introduction:**

On the 7th of October 2023, the faculty of Chemical Engineering from the Coimbatore Institute of Technology embarked on an industrial visit to Jacobi Carbons India Private Limited and M/s. Wafe Auxiliary Chemicals Pvt Ltd. The visit aimed to provide explore potential collaborations between the academic and industry.

**SESSION – 1**

**Visit to Jacobi Carbons India Private Limited:**

The visit commenced as the faculty of Chemical Engineering departed from the Coimbatore Institute of Technology (CIT) at 9:00 AM. We reached **Jacobi Carbons India Private Limited**, Kinathukadavu, Pollachi (Taluk), Coimbatore, where we were warmly welcomed by **Mr. Sheik Dawood, General Manager & Mr. Boopathy, HR Manager**.

**Meeting at Jacobi:**

At Jacobi Meeting hall, we were briefed about M/s. Jacobi Group's sustainability initiatives and safety protocols to be followed within the industrial premises. The General Manager provided an extensive overview of the company's various products and their manufacturing processes.



Around 10.45 a.m., the faculty team was provided with safety helmets, safety boots and safety goggles before the Jacobi team took around us for the Industrial process tour. All of the safety measures to be followed with in the premises during the visit were clearly instructed by **Mr. Benjamin Stanley, Process & Safety Manager.**



#### **MoU Signing:**

Following the presentation, a Memorandum of Understanding (**MoU**) was exchanged between CIT, represented by **Dr. M. Thirumarimurugan, Professor & Head, and Dr. D. Prabhakaran, Professor**, and M/s. Jacobi Group, represented by The General Manager **Mr. Sheik Dawood**. The discussion further delved into student internships, students' project, consultancy opportunities and placement perspective.



**Mr. Sheik Dawood, GM – Jacobi with Dr.M.Thirumarimurugan, HOD – Chemical & Dr.D.Prabhakaran, Professor- Chemical Engineering CIT for MoU**

**Site Visit:**

Afterward, the faculty members were divided into two groups and given a guided tour of the manufacturing facilities, where faculty gained in-depth insights into the production processes, equipment involved in the process, process automation, products like Charcoal & Activated Carbons. The effluent treatment plant is operated with zero liquid discharge concepts. The process was explained by Mr.Dhanasekar, ETP Manager, Jacobi Carbons



**Charcoal Types**



**Different grades of Activated Carbon**



**Process flow diagram of Effluent Treatment Plant at Jacobi Carbons, Pollachi**

The visit concluded with a lunch hosted by the industry at 1.00 p.m. Finally, the faculty team thanked the Jacobi Carbon Team and left the Industry at 1.45 p.m.

# COIMBATORE INSTITUTE OF TECHNOLOGY

*(Government Aided Autonomous Institution Affiliated to Anna University)*

COIMBATORE 641 014



**Academic Year 2023-2024**

**DEPARTMENT OF CHEMICAL ENGINEERING**

**19HOC61 - Employability and Personality Development**

**Skills - II (15 hours)**

**One Credit Course - Report**

**April 29 & 30, 2024**

**III Year B.Tech. Chemical Engineering**

**(VI Semester)**

**Placement Training Co-ordinators**

**Dr. V .M. Sivakumar**

**Dr. T. Sivakumar**

# COIMBATORE INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF CHEMICAL ENGINEERING

### ONE CREDIT COURSE - 19HOC61 EMPLOYABILITY AND PERSONALITY DEVELOPMENT SKILLS-II (15 Hours)

VI Semester B.Tech. Chemical Engineering

29<sup>th</sup> & 30<sup>th</sup> April 2024

Time: 9:00 AM to 5: 00 PM

#### SCHEDULE

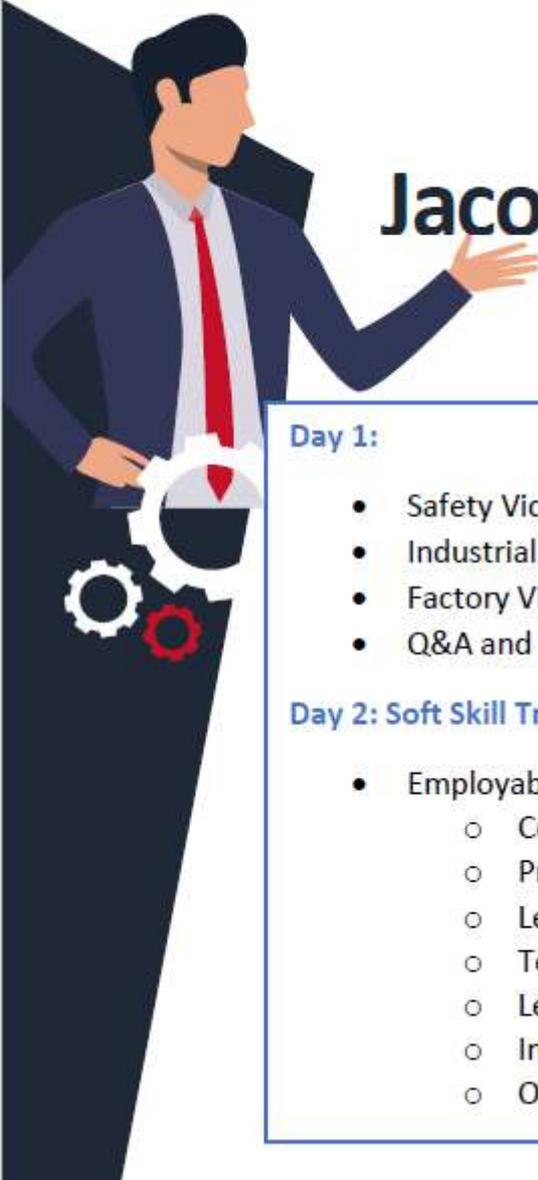
S.No.	Topics to be Covered	Duration (Total hours-15)
1	29-04-2024: Factory visit to M/s. Jacobi Carbons India Private Limited, Mettubavi, Coimbatore - 641202 • Safety Video and Process Video • Industrial Safety guidelines – Safety Officer • Factory Visit. • Q&A and Clarification session	7 hours
2	30-04-2024 : Soft Skill Training Training at CIT campus; Venue: M-227 • Employability skills Training ○ Communication ○ Problem solving ○ Leadership ○ Teamwork ○ Learning ○ Interpersonal communication ○ Organization	8 hours

# Employability and Personality Development Skills



## Jacobi Carbons

29<sup>th</sup> and 30<sup>th</sup> April 2024



### Day 1:

- Safety Video and Process Video
- Industrial Safety guidelines – Safety Officer
- Factory Visit.
- Q&A and Clarification session

### Day 2: Soft Skill Training

- Employability skills Training
  - Communication
  - Problem solving
  - Leadership
  - Teamwork
  - Learning
  - Interpersonal communication
  - Organization

**DEPARTMENT OF CHEMICAL ENGINEERING****ONE CREDIT COURSE - 19HOC61 EMPLOYABILITY AND PERSONALITY  
DEVELOPMENT SKILLS-II (15 Hours)****VI Semester B.Tech. Chemical Engineering****ATTENDANCE REPORT-29<sup>th</sup> & 30<sup>th</sup> April 2024**

**Total Strength** : 53  
**Class room** : M227  
**Faculty In charge** : Dr.V.M.Sivakumar & Dr.T.Sivakumar

S. No	Name	Register number	29 Apr 24 - S1	29 Apr 24 - S2	30 Apr 24 - S1	30 Apr 24 - S2	Attendance %
1	AJAY KUMAR K	71762106002	P	P	P	P	100
2	ANAESTRAJ K	71762106003	P	P	P	P	100
3	ARCHANA B	71762106004	P	P	P	P	100
4	ARCHANA SHREE S	71762106005	P	P	P	P	100
5	ASHWIN K	71762106006	P	P	P	P	100
6	ATHISHNITHIN A	71762106007	P	P	P	P	100
7	BAVANASREE	71762106008	P	P	P	P	100
8	CHIDDHARTH V P	71762106009	P	P	P	P	100
9	CHOJAN JESSICO S	71762106010	P	P	P	P	100
10	DHARSHINI SK	71762106012	P	P	P	P	100
11	DHIVIN KUMAR N	71762106013	P	p	P	P	100
12	GOKULA KRISHNAN B	71762106014	P	P	P	P	100
13	JAKANYA D	71762106017	P	P	P	P	100
14	JANANI P N	71762106018	P	P	P	P	100
15	JASHWAA SINGH U J	71762106019	P	P	P	P	100
16	JAYASURYA S	71762106020	P	P	P	P	100
17	KAVINRAJ.R	71762106021	P	P	P	P	100
18	MANOAH.R	71762106023	P	P	P	P	100
19	MOHAMAD RIYAZ S	71762106024	P	P	P	P	100
20	NITHYAPRIYA K	71762106026	P	P	P	P	100
21	NITHYASHREE SADASIVAN	71762106027	P	P	P	P	100
22	PARAMJEET R	71762106028	P	P	P	P	100
23	PRATHAP T	71762106029	P	P	P	P	100
24	PREETHI R	71762106030	P	P	P	P	100
25	PRIYADHARSHINI J	71762106031	P	P	P	P	100
26	PRIYADHARSHINI S	71762106032	P	P	P	P	100
27	RATHAN A M	71762106033	P	P	P	P	100
28	ROHITH.E	71762106034	P	P	P	P	100
29	RUNISH K	71762106035	P	P	P	P	100
30	SAGARRIKA R	71762106036	P	P	P	P	100
0	SAKTHI S	71762106037	P	P	P	P	100
32	SANJEEV.K.M	71762106038	P	P	P	P	100
33	SATHYAPRIYA A	71762106039	P	P	P	P	100
34	SELVAM.S	71762106040	P	P	P	P	100
35	SHARMILA R	71762106041	P	P	P	P	100

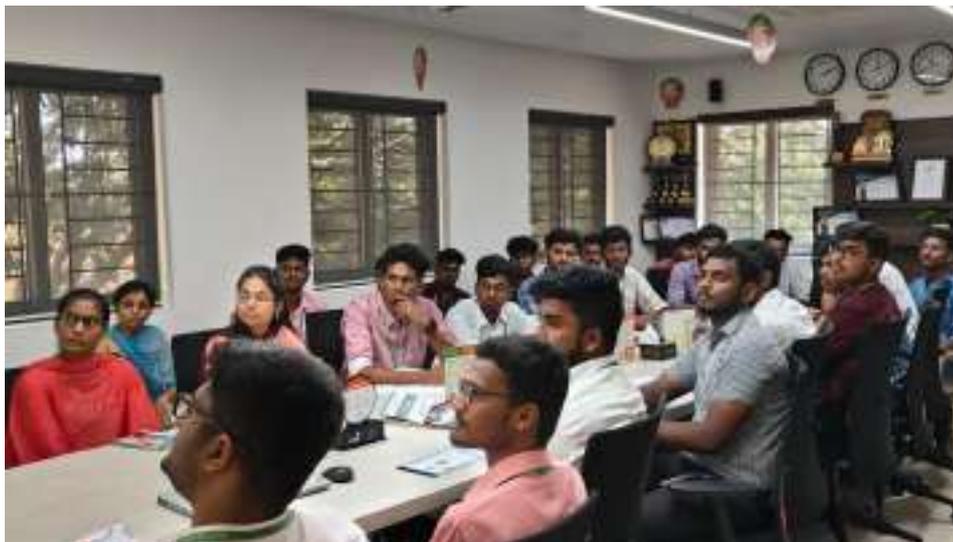
36	SIRJOHNMARSHAL K	71762106044	P	P	P	P	100
37	SIVARRANJANI T S	71762106045	P	P	P	P	100
38	SRIRAM. G	71762106046	P	P	P	P	100
39	SUNMATHI D	71762106047	P	P	P	P	100
40	SWETHA S	71762106048	P	P	P	P	100
41	VISHWA E	71762106049	P	P	P	P	100
42	YOGADHARSHINI S	71762106050	P	P	P	P	100
43	YOGARAJ PANDIAN.U	71762106051	P	P	P	P	100
44	BALAVIGNESH G R	71762206201	P	P	P	P	100
45	JAYANTHAN.P	71762206202	P	P	P	P	100
46	MANIBHARATHI V	71762206204	P	P	P	P	100
47	SAKTHI M	71762206206	P	P	P	P	100
48	SANKARRAJA T	71762206207	P	P	P	P	100
49	SHANUSH B	71762206209	P	P	P	P	100
50	SUBRAMANI M	71762206210	P	P	P	P	100
51	SUGADEV M	71762206211	P	P	P	P	100
52	ZAID AHAMED ANSARI S	71762206212	P	P	P	P	100
53	ABRAHAM KENT RENGMA	20 06003	P	P	P	P	100

Faculty coordinators

Head of the Department

## Sample Photographs

April 29, 2024 (Plant Visit)





April 30, 2024 (Softskill Training)

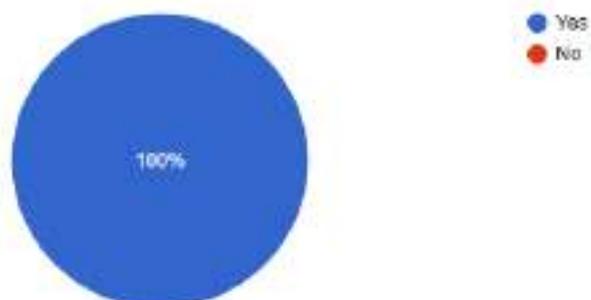


### STUDENTS' FEEDBACK

Day 1: 29<sup>TH</sup> APRIL 2024

1. Do you think the programme was effective and useful?

51 responses



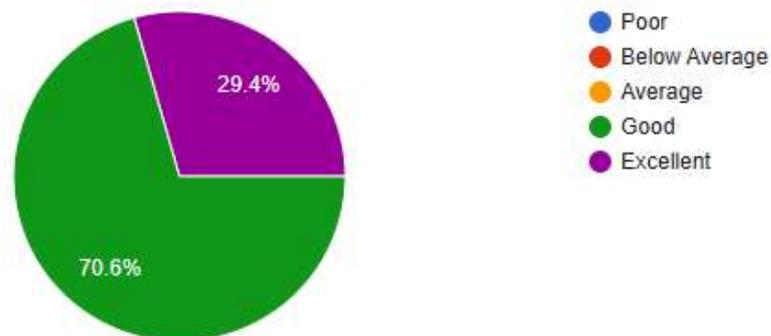
## 2. Rate the training methodology adopted by the Trainer (Company)

51 responses



## 3. What do you feel about the topics covered in the programme ?

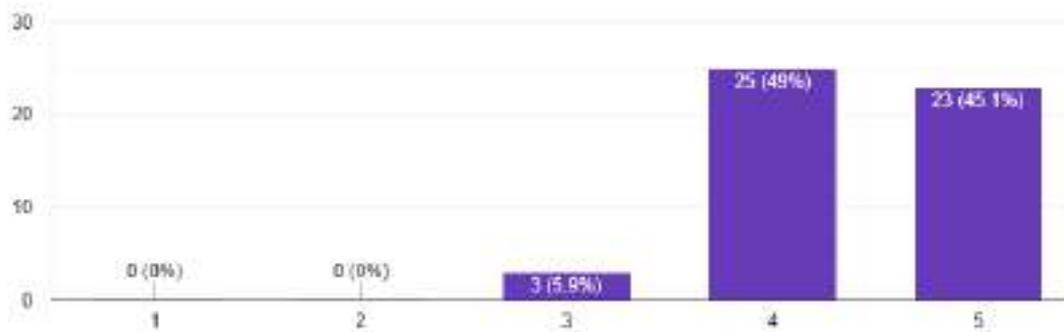
51 responses



## 4. Give the Rate of the knowledge and experience that you gained during the programme on a 1 to 5 Scale.

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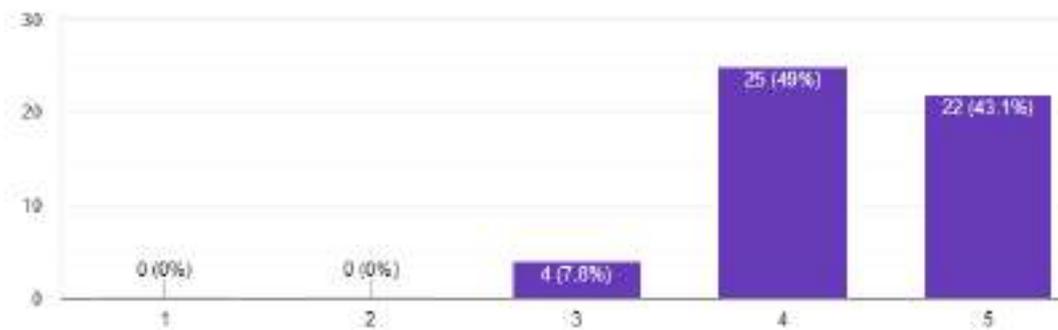
51 responses



5. Adequate time is provided for questions & discussion, and clearing doubts.

 Copy

51 responses



6. Would you like to offer any suggestions?

- Explaining the basic process of the company in detailed flow sheet.
- Excellent
- To learn the new experience in the company
- Training at industry was good experience
- Everything is perfect so no suggestions
- Would like to go on more such visits.
- It is more effective
- The instructors had sound knowledge and were effective in their communication however sometimes the instructor's voice not audible due to the sound of the machine. Apart from that it was an excellent opportunity for us as it was eye opening.
- The visit was very useful and it will be great if the college arranges such efficient one day industrial visits frequently.
- This type of industrial visit is very useful for me to gain knowledge than face prepare.
- This session was fulfilling

**Day 2: 30<sup>TH</sup> APRIL 2024**

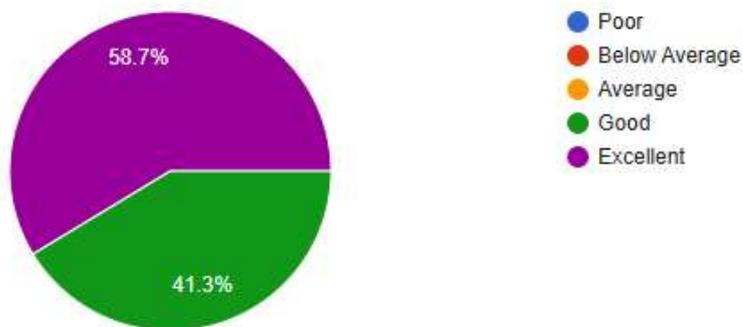
1. Do you think the programme was effective and useful?

46 responses



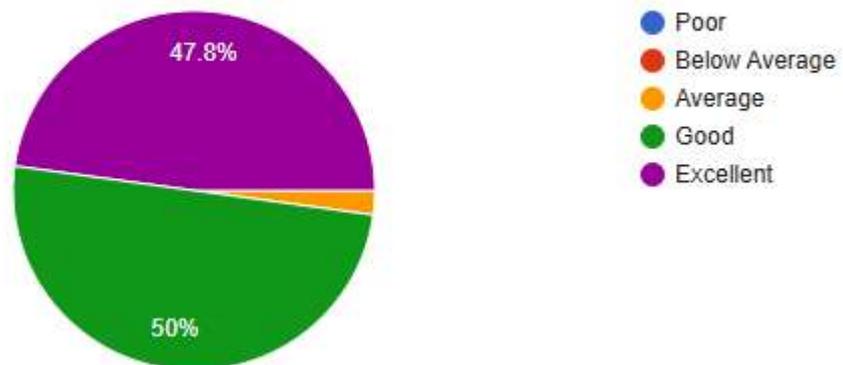
2. Rate the training methodology adopted by the Trainer (Company)

46 responses



3. What do you feel about the topics covered in the programme ?

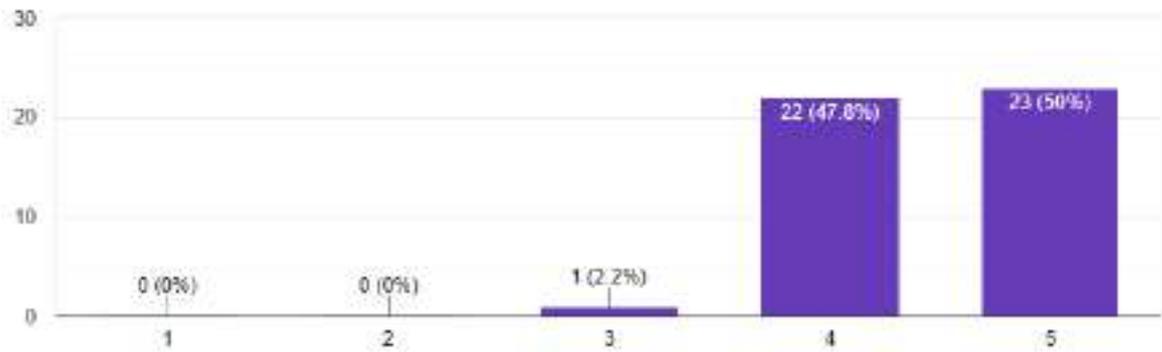
46 responses



4. Give the Rate of the knowledge and experience that you gained during the programme on a 1 to 5 Scale.

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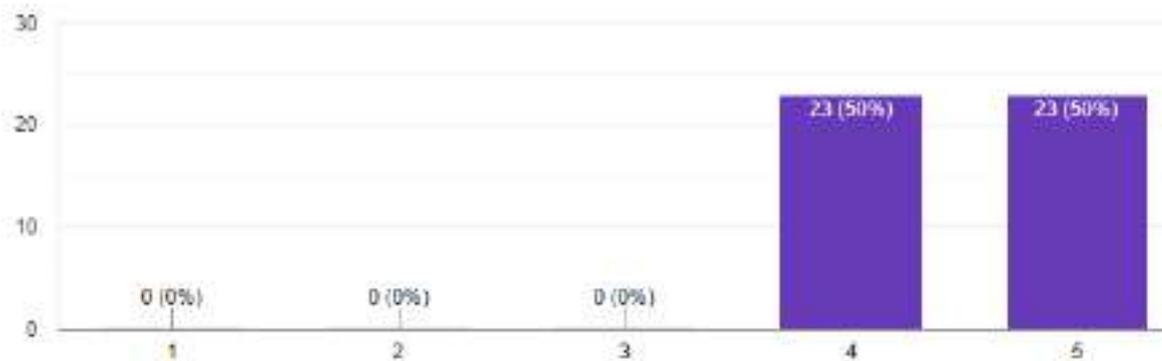
46 responses



5. Adequate time is provided for questions & discussion, and clearing doubts.

 Copy

46 responses



6. Would you like to offer any suggestions?

- I would like to get and experience more such kind of training programs and visits.
- It was a very good session. I learned about how the company works and its goals. It helped me show how the work life would be like if I joined companies related to the chemical industries.
- Additional activities like mock interview, GD should be done.
- To improve my skills and to learning the new thing.
- This type of training is very useful to us. It helps us to improve ourselves.
- Yes it is very useful to perform our placement activity.
- This session was great. It was fun and at the same time it was knowledgeable. The instructors kept the whole class lively and encouraged the people for answering. Among the training session conducted so far this one was the best!!!
- It was effective and better than other sessions.

**Placement Training Coordinators**

**Head of the Department**



**MEMORANDUM  
OF  
UNDERSTANDING**

*Memorandum of Understanding regarding the establishment of a  
collaborative relationship in areas of research and consultancy*

**Made and entered into by and between**

**Coimbatore Institute of Technology**

a higher education institution, herein represented by **Mr. S. Rajiv Rangasami** in his capacity as  
**Correspondent of Coimbatore Institute of Technology** and duly authorised

(Hereinafter referred to as "CIT")

and

**UNIVERSITY OF JAFFNA**

a higher education institution, herein represented by **Professor Sivakolundu Srisatkunarah,**  
in her/his capacity as Vice-Chancellor of the University and duly authorised

(Hereinafter referred to as "UOJ")

(Individually referred to as "Party" and collectively as "Parties")

## 1. Preamble

The purpose of this Agreement is to define the basis for collaboration between the parties in areas of research and consultancy concerning:

**Coimbatore Institute of Technology** and the

Parties have agreed in principle

1. 1. to enter into separate Project Agreements for research and consultancy projects as required which will provide details of scope, deliverables and costs.
1. 2. that, notwithstanding the focus of this Agreement on the Field, if opportunities are identified for collaboration in other areas of common interest, those will be explored.

Now therefore the parties wish to record their understanding in writing as follows:

## 2. Scope of this Memorandum of Understanding

2. 1. The Parties enter into this Memorandum of Understanding (hereinafter referred to as MoU) as independent contractors and nothing herein contained shall be construed as establishing a partnership or joint venture between the parties, nor may any party profess to represent the other Party, save with the written consent of the other Party.
2. 2. The Parties retain the right to enter into contractual arrangements with third parties for the execution of specific projects. Nothing in this agreement shall be prejudicial to such arrangements.
2. 3. Except as expressly set out in this MoU, neither Party shall have any obligation to the other unless and until such obligations are set out in a Project Agreement signed by both Parties. It is understood that while this MoU constitutes a statement of mutual intentions between the Parties, it does not constitute a legally binding obligation, and except for each Party's responsibility for costs incurred arising from this MoU any confidentiality obligations, and dispute resolution provisions and export controls, this MoU creates no rights in favour of either Party. A legally binding commitment for the proposed provision of services will result only from the signature by both parties on a Project Agreement and such agreement shall supersede this MoU.

## 3. Responsibilities of the Partners

Each Party will bear its own expenses and costs incurred in connection with this MoU and any due diligence and information gathering with regard to this MoU, including the negotiation and finalisation of a suitable definitive agreement for the contemplated projects ("Project Agreements").

## 4. Confidentiality

4. 1. For the purpose of this clause, "Confidential Information" means specifications, drawings, circuit diagrams, tapes, discs and other computer-readable media, documents, information, technical and commercial data, techniques and know-how.

4. 2. The Parties hereto recognize that information, agreed or noted by the Parties to be confidential, may be passed from one Party to another for the purpose of the collaboration, and that Confidential Information may arise from the collaboration.
4. 3. Both Parties undertake to treat Confidential Information as strictly confidential, not to divulge to any third party or sell, trade, publish, reproduce or reverse engineer any of the Confidential Information, and not to put in use in any manner for any purpose unrelated to the collaboration any Confidential Information without the disclosing party having the prior written consent of the other party, except as provided by the exclusions specified in Clause 4.5 below.
4. 4. The obligation of confidentiality of clause 4.3 shall not apply to information which:
  - i. becomes known by third parties through no fault of the Parties hereto;
  - ii. is or becomes published otherwise than by unauthorized publication in breach of this agreement;
  - iii. is independently developed by an employee of the recipient who has not had access to any of the Confidential Information disclosed to the recipient by the other Party;
  - iv. is in the public domain;
  - v. can reasonably be demonstrated to be known to the Parties prior to disclosure under this Agreement;
  - vi. is disclosed to the Party or Parties by another party entitled to disclose the information;
  - vii. the Parties had herein agreed to release; or viii. is required to be disclosed by Law.
4. 5. The Parties hereto shall take due precautions to ensure that their staff, students and contractors, who have a need to know Confidential Information, undertake the above obligations of confidentiality.
4. 6. Each Party may not divulge, and will pledge that any of its employees or agents do not divulge, to any person, other than the duly authorised representatives of the other Party and its own staff, and only if this is necessary for the proper rendering of the services under the Agreement, any Confidential Information arising out of the performance of, related to or discovered in the course of the performance of the services required under this agreement, without the prior written authority of the other Party.

## **5. Publication**

5. 1. It is intended that the results of the research arising from this collaboration shall be published in accordance with normal academic practice. In order to protect the confidential information and any proprietary rights, neither Party may publish or publicly disclose the results of the research or any confidential information without the prior written consent of the other.

5. 2. The Party who wishes to publish as described in clause 5.1 shall make available to the other Party a copy of the proposed publication at least thirty (30) days in advance of the submission of the proposed publication to a third party. If the non-publishing Party determines that the proposed publication discloses confidential or proprietary information that requires protection, that Party shall notify the other party of this determination within thirty (30) days of receipt of the proposed publication. The non-publishing Party can require a delay of the publication, which shall not normally exceed three (3) months, or editing of the proposed publication, such editing not being deemed unreasonable by the Parties hereto.
5. 3. If the Party, to whom a proposed publication has been made available according to clause 5.2 fails to notify the submitting Party within thirty (30) days of receipt of the publication, then the submitting Party is free to submit or present the publication.

## **6. Theses/Dissertations/Project Reports**

Nothing in this Agreement shall prevent a registered student of either party from submitting a thesis, dissertation or project report based on results from research arising from this collaboration, for the purposes of obtaining a degree at their institution. The Parties hereto may see the draft material during the writing up period and may, within thirty (30) days of receipt, request the exclusion of confidential or sensitive information, and to correct any factual errors. If required, the examiners shall be appointed by either Party under an agreement of confidentiality between the examiners and either Party. Either Party may request that access to a thesis, dissertation or project report be restricted for a period of up to two (2) years. Such a request will not be unreasonably denied.

## **7. Intellectual Property**

7. 1. The ownership of background intellectual property existing prior to the commencement of the Agreement will remain unaffected hereby.
7. 2. The rights of ownership of foreground intellectual property arising from the research associated with this collaboration will be negotiated in a separate Project Agreement for each project undertaken.

## **8. Dispute Resolution**

8. 1. A dispute shall be deemed to have arisen when either Party notifies the other Party in writing to that effect.
8. 2. The Parties shall use all reasonable efforts to resolve any dispute that may arise under this Agreement through good faith negotiations. Each Party shall nominate a senior representative of its management to meet at any mutually agreed location to resolve the dispute.

## **9. Liability**

9. 1. Each Party bears the liability arising out of its own negligence, wrongful act or omission, and its own breach of this Agreement.

9. 2. Neither Party shall be liable to the other Party for any indirect or consequential loss or damage sustained by the other Party arising out of or in connection with this Agreement, and each Party releases the other from any such liability.

## 10. Termination

This MoU shall be effective from the date of signature of the Party signing last and continue for **three (3) years** unless terminated by either Party giving written three -month notice to the other. Such termination shall not affect Project Agreements in force at such time. This MoU can be renewed in writing on an annual basis thereafter but in no event shall the maximum term of this MoU, including all renewals, exceed ten (10) years.

## 11. General

11. 1. The parties do not intend that any agency or partnership relationship be created between them by this Agreement and neither Party may bind the other in any way.
11. 2. All additions or modifications to this Agreement must be made in writing and must be executed by both Parties.
11. 3. Neither Party may assign or cede any benefit, obligation or interest they may have in this Agreement to any other person without the prior written consent of the other Party.
11. 4. Each party shall comply with all relevant laws, whether <country of the collaborating institution> or Sri Lanka, governing the exports and re-exports of technical data or commodities made pursuant to this MoU.
11. 5. Neither Party is regarded as having waived, or is precluded in any way from exercising any right under or arising out of this Agreement by reason of such Party having at any time granted any extension of time for, or having shown any indulgency to, the other Party with reference to any performance of any obligation under this Agreement, or having failed to enforce, or delayed in enforcing any right of action against the other party.

## 12. Executed

Coordination of research projects covered by this MoU will rest upon:

<b>For Coimbatore Institute of Technology</b>	<b>For the University of Jaffna</b>
Name of the contact person Prof. N. Muthukumarasamy	Name of the contact person Prof. P. Ravirajan
Address : Department of Physics, Coimbatore Institute of Technology, Coimbatore : 641014, India	Address: Department of Physics, University of Jaffna, JA 40 000 Sri Lanka
Phone: 0091 9442954202	Phone: 0094 71 8561715
E-mail: deanrd@cit.edu.in	E-mail: pravirajan@univ.jfn.ac.lk

Accepted for and on behalf of  
Coimbatore Institute of Technology  
and duly authorised

Signature : *S. Rajiv*  
Name : Mr. S. Rajiv Rajgasami  
Designation : Correspondent  
Date : 19.09.2023



Accepted for and on behalf of  
University of Jaffna  
and duly authorised

Signature : *S. Srisatkunarajah*  
Name : Prof. S. Srisatkunarajah  
Designation : Vice Chancellor  
Date : 19.09.2023

## ORGANIZING COMMITTEE

### Chief Patrons

Mr. S. Rajiv Rangasami, Correspondent, Coimbatore Institute of Technology (CIT), India  
Dr. Gunnar Yttri, Rector, Western Norway University of Applied Sciences (HVL), Norway

### Patrons

Dr. R. Prabhakar, Secretary, CIT, India  
Dr. V. Selladurai, CIT, India

### General Chairs

Dr. A. Rajeswari, Principal, CIT, India  
Dr. Jens Kristian Fosse, HVL, Norway  
Prof. Sivakolundu Srisatkunarah, Vice Chancellor, University of Jaffna, Sri Lanka

### Conference Chairs

Prof. Dhayalan Velauthapillai, HVL, Norway  
Prof. N. Muthukumarasamy, CIT, India  
Prof. P. Ravirajan, University of Jaffna, Sri Lanka

### Conference Co- chair

Dr. S. Agilan, CIT, India

### International Coordinator

Dr. Smagul Karazhanov, IFE, Norway

### Coordinators

Dr. S. Vasantha, CIT, India  
Dr. T. Venkatachalam, CIT, India

### Convenor

Dr. P. Balraju, CIT, India

### Organizing Secretaries

Dr. C. P. Yoganand, CIT, India  
Dr. P. Suresh, CIT, India  
Dr. R. Azarudeen, CIT, India

### Organizing Committee Members

Dr. A.B.Vennela, CIT, India  
Dr. R. Sanjeevkumar, CIT, India  
Dr. M. Vijay, CIT, India  
Dr. K. Sivakumaran, PSG College of Technology, India  
Dr. B. Gayathri, CIT, India  
Dr. N. Murugesan, HVL, Norway  
Dr. Shivatharsiny Yohi, University of Jaffna, Sri Lanka  
Dr. T. Pathmathas, University of Jaffna, Sri Lanka  
Dr. M. Thambidurai, Nanyang Technological University, Singapore

### Advisory Committee

Prof. Ravi Ganesan, Vice Chancellor, Alagappa University, India  
Prof. Kirthi Tennakone, Georgia State University, USA  
Prof. Mohan Rao, RJIT, India  
Prof. Lakshman Dissanayake, NIFS, Sri Lanka  
Prof. R. M. G. Rajapakshe, University of Peradeniya, Sri Lanka  
Prof. Vigneswaran, University of Sydney, Australia  
Prof. David N McIlroy, Oklahoma State University, USA  
Prof. M.D. Kannan, PSG College of Technology, India  
Prof. Nalin De Silva, University of Colombo, Sri Lanka  
Prof. Øyvind Frette, University of Bergen, Norway  
Dr. Said Bentouba, NORCE, Norway  
Dr. Peter Breuhaus, NORCE, Norway  
Prof. Mahmoud Bourouis, University of Rovirai Virgili, Spain  
Dr. R. Ramaseshan, IGCAR, India

## TRAVEL AND ACCOMMODATION

For more details about travel and accommodation, visit the conference website: [www.amceha2023.in](http://www.amceha2023.in)

### VISA Information:

In general, overseas citizen travelling to India require a visa. A general portal with information about consulates and visa services for India is available at <https://indianvisaonline.gov.in>

## GUIDELINES FOR ABSTRACT SUBMISSION

Abstracts should be written in English language and they should not exceed one page as per the template given in the conference website. They should be submitted as either PSD or MS Word file, via Conference Management Tool (CMT) only. Authors are encouraged to submit high quality original work that has not been published previously. Submitted abstracts will be reviewed through a double blind review process and the reviewers' comments will be notified to the corresponding authors. Accepted abstracts will be disseminated as oral or poster presentations and will be published in the conference abstract proceedings.

Selected abstracts presented in the conference will be invited for full paper publication which will be published after peer-review in Elsevier journals "Materials Letters", "Materials Today: Proceedings", "Elsevier Book series", etc.

## IMPORTANT DATES

Abstract submission dead line : 15<sup>th</sup> August, 2023  
Acceptance Notification : 25<sup>th</sup> August, 2023

## REGISTRATION

At least one of the authors of a paper and all participants should register on or before 30.08.2023

Type	Foreign Delegates (USD)	Indian Delegates (INR)	SAARC Countries (USD)
Industry Delegates	400	4000	200
Academic Delegates	300	3000	100
Student Delegates	200	2000	50

Registration fee covers Conference kit, Copy of Proceedings and Lunch.

## MODE OF PAYMENT

1. Demand Draft in favour of "AMCEHA 2023" payable at Coimbatore
2. Bank Transfer A/c No: 6087531801  
Name: AMCEHA 2023 IFSC: IDIB000S107
3. Credit Card payment: For detail please visit conference website: [www.amceha2023.in](http://www.amceha2023.in)

## ADDRESS FOR COMMUNICATION

Convenor – AMCEHA 2023  
Department of Physics  
Coimbatore Institute of Technology  
Coimbatore 641 014, Tamil Nadu, India.  
E mail : [amceha@cit.edu.in](mailto:amceha@cit.edu.in)  
Website : [www.amceha2023.in](http://www.amceha2023.in)  
Mobile : +91 9442954202, +91 7904110624  
Phone : +91 422 2574071, +91 422 2574072,  
+47 92819641, +4755587711

## Collaborating Partners



International Conference on

# ADVANCED MATERIALS FOR CLEAN ENERGY AND HEALTH APPLICATIONS (AMCEHA 2023)

September 18 - 20, 2023

ORGANIZED BY

COIMBATORE INSTITUTE OF TECHNOLOGY  
INDIA,

WESTERN NORWAY UNIVERSITY OF  
APPLIED SCIENCES, NORWAY

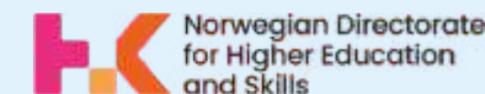
and

UNIVERSITY OF JAFFNA, SRI LANKA

Venue

COIMBATORE INSTITUTE OF TECHNOLOGY  
Coimbatore, India

Sponsors



In today’s world innovation in materials is required to tackle and solve many of the challenges associated with future clean energy supply and health care applications. The environmental challenges arising due to rapid growth of industries and urbanization has forced the research community to move towards and focus much on clean energy technologies and health technologies. Advancements made in the area of nanotechnology in recent years has provided significant developments in the area of clean energy segment and health applications. An active collaboration between scientists working in the area of theoretical and experimental materials science and computer scientists should be there to deploy proven computational methodologies to predict, screen, optimize and identify materials which have the potential to be used in clean energy sector and health care applications. The International Conference on Advanced Materials for Clean Energy and Health Applications (AMCEHA 2023) will act as a platform for the exchange of technical and scientific information between international researchers in the field of materials for clean energy and health applications. Generation of electricity using solar energy is considered as a viable method to produce energy by using clean energy principle.

This conference will have sessions in which research scientists will discuss about the issues associated with the different solar energy conversion technologies and the great challenges associated in materials design to achieve high solar power conversion efficiency.

Technological developments achieved in the area of fuel cells and hydrogen production has paved the way for use of hydrogen as clean energy source in the transport sector. Advanced functional materials is an interdisciplinary field of research and development of these functional materials is crucial to move towards the region of providing solutions in the areas of energy, healthcare, electronics, and catalysis.

The development of biodegradable and biocompatible materials is an attractive and interesting area of research and the developed materials will find applications in the areas of dentistry, orthopedics and can also act as a diagnostic tool in the field of medicine. This conference will be a promising, and an exciting event which will bring together researchers, clinicians, scientists, engineers and industry personnel and provide them a platform to discuss the latest developments in the area of advanced materials for clean energy and health applications leading to knowledge transfer and will also help them to establish new collaborations.

## **SYMPOSIA THEMES OF THE CONFERENCE**

### **SYMPOSIUM ON SOLAR ENERGY APPLICATIONS**

- Novel materials for solar cells
- Thin film solar cells, Dye /quantum dot sensitized solar cells, Organic solar cells, Perovskite solar cells
- Photovoltaic technologies and Energy management
- Solar thermal application
- Hybrid power systems and micro grid operations

#### **Symposium Chairs**

**Prof. N. Muthukumarasamy**, Coimbatore Institute of Technology, India

**Prof. G. R. A. Kumara**, NIFS, Sri Lanka

#### **Symposium Editors**

**Dr. R. Balasundaraprabhu**, PSG College of Technology, Coimbatore

**Dr. Q. Y. Soundararajah**, Eastern University, Sri Lanka

**Dr. P. Amalraj**, University of Jaffna, Sri Lanka

### **SYMPOSIUM ON HYDROGEN ENERGY**

- Fuel Cell
- Production
- Storage & Transport

#### **Symposium Chairs**

**Dr. R. Yuvakumar**, Alagappa University, India

**Dr. Velaug Myrseth Ultedal**, HVL, Norway

#### **Symposium Editors**

**Dr. Shivatharsiny Yohi**, University of Jaffna, Sri Lanka

**Dr. Jonathan Økland Torstensen**, HVL, Norway

### **SYMPOSIUM ON ADVANCED FUNCTIONAL MATERIALS & DEVICES**

- Batteries
- Super capacitors
- LEDs, Detectors, FETs
- Photocatalysts
- Energy from waste

#### **Symposium Chairs**

**Prof. S. Agilan**, Coimbatore Institute of Technology, India

**Prof. Meena Senthilnathan**, University of Jaffna, Sri Lanka

#### **Symposium Editors**

**Dr. S. Prasanna**, PSG College of Technology, Coimbatore

**Dr. M. Jeyanthinath**, Madurai Kamaraj University, India

**Dr. S. Ubenthiran**, University of Jaffna, Sri Lanka

### **SYMPOSIUM ON MODELLING, SIMULATION & ARTIFICIAL INTELLIGENCE**

- Smart materials for clean energy applications
- Smart materials for health applications
- AI for clean energy management

#### **Symposium Chairs**

**Dr. P. Vajeeston**, University of Oslo, Norway

**Dr. Valliappan Raman**, Coimbatore Institute of Technology, India

#### **Symposium Editors**

**Dr. Said Bentouba**, NORCE, Norway

**Dr. A. Thevakaran**, University of Jaffna, Sri Lanka

### **SYMPOSIUM ON HEALTH APPLICATIONS**

- Biomaterials
- Tissue Engineering
- Regenerative medicine
- Materials for drug delivery
- Environmental and health impacts of clean energy technologies
- Bio sensors
- Nano materials for health care

#### **Symposium Chairs**

**Prof. Kamal Mustafa**, University of Bergen, Norway

**Prof. M. Thirumarimurugan**, Coimbatore Institute of Technology, India

#### **Symposium Editors**

**Dr. R. Azarudeen**, Coimbatore Institute of Technology, India

**Dr. T. Pathmathas**, University of Jaffna, Sri Lanka

### **CONFERENCE PROCEEDINGS EDITORS**

**Dr. P. Balraju**, Coimbatore Institute of Technology, Coimbatore

**Dr. M. Thanishaichelvan**, University of Jaffna, Sri Lanka

### **INVITED SPEAKERS**

**Prof. Kamal Musatafa**, University of Bergen, Norway

**Dr. Smagul Karazhanov**, IFE, Norway

**Prof. Reza Arghandeh**, HVL, Norway

**Dr. David N McIlroy**, Oklahoma State University, USA

**Prof. Øyvind Frette**, University of Bergen, Norway

**Dr. Arne S Kristoffersen**, University of Bergen, Norway

**Dr. Martin Greve**, University of Bergen, Norway

**Dr. Velaug Myrseth Ultedal**, HVL, Norway

**Dr. Jonathan Økland Torstensen**, HVL, Norway

**Prof. A.A.Christy**, University of Agder, Norway

**Dr. P. Vajeeston**, University of Oslo, Norway

**Prof. Satoshi Uchida**, The University of Tokyo, Japan

**Prof. Patrick Then**, Swinburne University of Technology, Malaysia

**Prof. Gamini Rajapakse**, University of Peradeniya, Sri Lanka

**Prof. Nalin de Silva**, University of Colombo, Sri Lanka

**Prof. P. Ravirajan**, University of Jaffna, Sri Lanka

**Prof.A.Atputharaja**, University of Jaffna, Sri Lanka

**Prof. G.R.A Kumara**, NIFS, Sri Lanka

**Dr. Shuthanandan Vaithiyalingam**, Pacific Northwest National Laboratory, USA

**Prof. Ganesh Datt Sharma**, The LNM Institute of Information Technology, Jaipur, India

**Prof. Sudakar Chandran**, Indian Institute of Technology Madras, India

**Prof. S. Balakumar**, University of Madras, India

**Dr. M. Jeyanthinath**, Madurai Kamaraj University, India

**Dr. Venkatakrishnan**, Indian Institute of Technology Mandi, India

### **ORGANIZERS**

#### **Western Norway University of Applied Sciences, Norway**

Western Norway University of Applied Sciences (HVL) is a leading Norwegian public institution of higher education in Norway. With five campuses in the Western region of Norway, and with about 17,000 students, 2,000 staff, HVL is one of the largest higher education institutions in Norway. HVL offers a broad range of academic programs within engineering, social sciences, economic and administrative science, music and teaching. HVL has wide range of international higher education and research collaborations.

#### **Coimbatore Institute of Technology**

Coimbatore Institute of Technology was established in the year 1956 and is one of the most reputed and prestigious educational institution in South India since 1956. The Institute has the services of competent and qualified faculty, and visionary management to enhance the

quality of education and research at all levels and maintain its position in emerging globalization. The Institute functions in collaboration with reputed Colleges and Universities abroad in cutting edge technologies.

#### **University of Jaffna, Sri Lanka**

The University of Jaffna was established in 1974 as the sixth campus of the University of Sri Lanka and attained autonomous status in 1978. At present, the University of Jaffna is one of the largest Universities in the country consisting of eleven faculties including Faculties of Science, Technology Engineering and Medicine and catering more than 13,000 undergraduates and around 600 postgraduate students. The University is committed to the search for truth in a diverse field of subjects, as has been emphasized in its motto *மெய்ப்பொருள் காண்பதறிவு* (Discernment is Wisdom). The University ensures quality in all spheres of its activities, such as teaching-learning, research, innovation, scholarship and community engagement

### **COLLABORATING PARTNERS**

#### **University of Bergen, Norway**

The University of Bergen is a young, modern university. Most of its premises are concentrated in the heart of the city of Bergen. There are about 14,500 students enrolled, and 3,200 faculty and staff. The University’s academic landscape is characterised by its great variety and breadth. Six faculties cover most of the traditional university disciplines. Within the faculties are included 60 different specialized departments, centres and institutes.

#### **Institute of Energy Technology (IFE), Norway**

Founded in 1948, IFE is an international research institute for energy and nuclear technology. IFE’s mandate is to undertake research and development, on an ideal basis and for the benefit of society, within the energy and petroleum sector, and to carry out assignments in the field of nuclear technology for the nation.

#### **PSG College of Technology, India**

PSG College of Technology, an ISO 9001:2000 certified institution is one of the foremost institutions established in the year 1951 by the PSG & Sons’ charities trust. The college today has a student strength of about 8518 with 15 engineering and technology departments besides the computer applications, basic sciences, management sciences and humanities departments. The college maintains close interaction with several R & D institutions and institutions of higher learning in India and abroad through institutional network programmes and collaborative programmes.

#### **Alagappa University, India**

Alagappa University is a public university located in Karaikudi, Tamil Nadu, India. Originated from Alagappa Arts College founded by Alagappa Chettiar in 1947, it was established in 1985 by an act of Tamil Nadu government. The university has 44 departments, 9 centres and 2 constituent colleges on its campus. 46 affiliated colleges in the districts of Sivaganga and Ramanathapuram are part of the university.

#### **NORCE, Norway**

NORCE is an independent research institute that conducts research for both public and private sectors, to facilitate informed and sustainable choices for the future. We deliver research and innovation in energy, health care, climate, the environment, society and technology. Our solutions address key challenges for society and contribute to value creation on the local, national and global levels.

#### **University of Oslo, Norway**

The University of Oslo is a public research university located in Oslo, Norway. It is the highest ranked and oldest university in Norway. It is consistently ranked among the top universities in the world and as one of the leading universities of Northern Europe; the 2022 Academic Ranking of World Universities ranked it the 67<sup>th</sup> best university in the world and the third best in the Nordic countries. The university has approximately 27,700 students and employs around 6,000 people. Five researchers affiliated with the university have been Nobel laureates and three have been Turing Award winners.

#### **Eastern University, Sri Lanka**

The Eastern University, Sri Lanka, was established on October 1986. The University was preceded by the Batticaloa University College established on August 1981. The Batticaloa University College began with two faculties: The Faculty of Science and the Faculty of Agriculture. Two new faculties viz. the Faculty of Commerce & Management and the Faculty of Cultural Studies were established in 1988.

#### **PHD Chamber of Commerce and Industry**

PHD Chamber of Commerce and Industry, established in 1905, is a proactive National Apex Chamber working at the grass-root level and with strong national and international linkages. PHD Chamber, through its research-based policy advocacy role, positively impacts the economic growth and development of the nation. PHD Chamber of Commerce and Industry (PHDCCI) is one of the Premier Chambers in India to have been accredited with “Diamond Grade” by NABET (QCI), at national and international level.













Coimbatore Institute of Technology, India  
Western Norway University of Applied Sciences, Norway &  
University of Jaffna, Sri Lanka

Jointly Organized  
International Conference on  
**ADVANCED MATERIALS FOR CLEAN ENERGY  
AND HEALTH APPLICATIONS  
(CAMCEHA 2023)**  
September 19 & 20, 2023

Organizing Committee  
KCT

Co-Organizing Institutions  
WNUAS UJ

IF2 NORCE

MEMORANDUM OF UNDERSTANDING  
between  
WESTERN NORWAY UNIVERSITY OF APPLIED SCIENCES (HVL)  
Faculty of Engineering and Science  
and  
COIMBATORE INSTITUTE OF TECHNOLOGY  
on  
ACADEMIC AND RESEARCH COLLABORATION

---

**Recognising:**

- that cultural and scientific interaction is indispensable to institutions of higher education in developing their educational and research activities, and
- that institutions of higher education are enriched by international collaboration,

the named institutions hereby record their understanding.

**ARTICLE I**

The purpose of this Memorandum of Understanding is to develop and carry out collaborative activities within areas of common interest of the named institutions.

- Contact person HVL: Halvard Ones, senior adviser, international@hvl.no
- Contact person Coimbatore Institute of Technology: Dr. N. Muthukumarasamy, Dean R & D, deanrd@cit.edu.in

**ARTICLE II**

The scope of collaboration on academic and research activities in this Memorandum of Understanding can include, but are not limited to, the following categories:

1. Exchange of staff, faculty, researchers, and students.
2. Research and teaching collaboration in the areas of mutual interest to both parties
3. Joint scientific publications
4. Exchange of academic materials made available by both parties.
5. Organisation of symposia, conferences, short courses and meetings on research issues of mutual interest.

### ARTICLE III

To implement the aims and purposes expressed in ARTICLES I and II, the following is mutually understood and agreed:

1. Development of a specific project taking place within the scope of this Memorandum of Understanding shall take the form of a separate collaboration agreement which will in detail outline key responsible people, sources of funding, and specific collaborative activities. The agreement(s) will be attached to this MoU as annexes.
2. The final approval of any project will be dependent upon the availability of guaranteed support funds.
3. Progress of work of any separate agreement under the Memorandum of Understanding will be reviewed and approved by designated responsible people of both parties.
4. Neither Western Norway University of Applied Sciences nor Coimbatore Institute of Technology will be held responsible for any liability whatsoever; furthermore, neither party shall be required to purchase any insurance against loss or damage to any personal property to which this Memorandum of Understanding relates.
5. Based on the principles of mutual respect and mutual benefit, the parties will protect each other's reputation and support each other's programmes and work.
6. The joint language of collaboration will be English.

### ARTICLE IV

#### Duration of the Memorandum of Understanding:

This Memorandum of Understanding will come into effect on the last date of signing and shall be effective for a period of five years. Thereafter it will be reviewed and can be amended or renewed as agreed by both parties. Amendments to the Memorandum of Understanding can take place at any time by mutual agreement.

Either party may terminate the MoU by written notice submitted at least 90 days in advance of the next academic semester. The termination of the Memorandum of Understanding does not affect the validity of any separate collaboration agreements between the parties.

#### Signatures

  
Prof. Gunnar Yttri  
Rector, Western Norway University  
of Applied Sciences

Date: 19.09.2023

 Høgskulen  
på Vestlandet

  
Mr. S. Rajiv Rajgasami  
Correspondent  
Coimbatore Institute of Technology

Date: 19.09.2023



Høgskolen i Bergen - HiB  
Postboks 7030  
5020 BERGEN



Our ref:  
16/00446-350

Your ref:

Date:  
24.10.2016

## **Decision: Application granted - UTF-2016/10051 - UTFORSK Partnership Programme 2016**

The Norwegian Centre for International Cooperation in Education (SIU) refers to your application to the UTFORSK Partnership Programme 2016, UTF-2016/10051: Nanomaterials for Energy and Health applications with ICT as enabling technology.

SIU received 50 eligible applications by the deadline 31 Mai 2016, of which 20 were granted support. All applications have been reviewed by one external evaluator and one internal evaluator at SIU. Final decisions regarding grant allocation in the UTFORSK Partnership Programme are made by the Programme Board.

**Decision:** The application is supported in full.

Your application has been granted, and you have been awarded a sum of NOK 2 000 000.

You can request further information about the processing of applications by contacting SIU.

Bergen University College is responsible for informing the other partner institutions about the decision.

### **Project document**

Bergen University College, represented by the Norwegian project coordinator, will, in dialogue with SIU, prepare a project document based on the project application, with necessary adjustments to the project following SIU's consideration of the application. The project document will be prepared using SIU's application and reporting system Espresso in accordance with more detailed instructions from SIU.

Once SIU has approved the project document, Bergen University College will receive a contract to be signed by the institution and SIU. SIU will then pay the project grants in accordance with the terms and conditions of the contract.



NORWEGIAN CENTRE FOR INTERNATIONAL COOPERATION IN EDUCATION

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Enterprise register:  
980 399 523

Executive officer:  
Terje Kolbu Jacobsen  
[terje.jacobsen@siu.no](mailto:terje.jacobsen@siu.no)  
+47 994 35 957

# UTFORSK 2016 - Long-term project funding

## Application

### Project identification

**Project number** UTF-2016-long-term/10051

### Project title

Nanomaterials for Energy and Health applications with ICT as enabling technology

## A

### A.1 Main partner institution in Norway

#### Main partner institution in Norway (liN)

Bergen University College (NO-HiB)

#### Department (liN)

Department: Faculty of Engineering, Department of Computer and Mathematical Sciences

#### Head of department (liN)

Name: Johansen, Geir Anton  
Email: Geir.Anton.Johansen@hib.no  
Phone number: 55587238

#### Project coordinator (liN)

Name: Velauthapillai, Dhayalan  
Gender: Male  
Email: vdh@hib.no  
Phone number: 92819641

### A.2 Main partner institution outside Norway

#### Main partner institution outside Norway (loN)

Coimbatore Institute of Technology (IN)

#### Department (loN)

Department: Physics Department, Computer and Mechanical Engineering

#### Head of department (loN)

Name: Velappan, Selladurai  
Gender: Male  
Email: selladurai.v@gmail.com  
Phone number: 9193632 27757

#### Project coordinator (loN)

Name: Natarajan, Muthukumarasamy  
Gender: Male  
Email: vishnukutty2002@yahoo.co.in  
Phone number: 00919442954202

### A.3 Network partners

#### A.3.1 Are any enterprises in the public and/or private sector partners in the project?

Yes

### A.3.2 List of network partners

Institution:	NO-GCE Subsea (NO)
Unit:	R&D
Contact person:	Nodal, Gisle
Gender:	Male
Degree:	PhD
Position:	R&D Manager
Email:	gisle.nondal@gcesubsea.no
Phone number:	47 957 71 846

Institution:	NO-University of Bergen (NO-UiB)
Unit:	Department of Clinical Dentistry-Center for Clinical Dental Research
Contact person:	Mustafa, Kamal
Gender:	Male
Degree:	PhD
Position:	Professor, Tissue Engineering Research Group - Leader
Email:	kamal.mustafa@iko.uib.no
Phone number:	+47 98497607

Institution:	NO-CMR Prototech (NO)
Unit:	Bernt Skeie
Contact person:	Skeie, Bernt
Gender:	Male
Degree:	Dr
Position:	Chief Executive Officer
Email:	bernt.skeie@prototech.no
Phone number:	95046031

Institution:	IN-Kasbah Systems Software (IN)
Unit:	Software
Contact person:	Sivakumar, P
Gender:	Male
Degree:	Master
Position:	Chief Technology Officer
Email:	siva@kassoftindia.com
Phone number:	+91 9994922542

Institution:	IN-Goutham Anooraa Inc (IN)
Unit:	Goutham Selladurai
Contact person:	Selldurai, Gautham
Gender:	Male
Degree:	ME, MBE
Position:	Chief Executive
Email:	aanooraa@gmail.com
Phone number:	00919655886284

Institution:	IN-Shri Venkateswara Hi-tech Machineries Private Limited (IN)
Unit:	Materials
Contact person:	Kaalimuthu, T.
Gender:	Male
Degree:	MSc
Position:	Director
Email:	venkateswarahigtech@gmail.com
Phone number:	00914222666130

#### A.4 Participants in the project

Name: Kaushalya, G  
Gender: Female  
Degree: PhD  
Position: Professor  
Institution: IN-Coimbatore Institute of Technology

Name: Lamo, Yngve  
Gender: Male  
Degree: PhD  
Position: Professor  
Institution: NO-Bergen University College

Name: Murugan, N  
Gender: Male  
Degree: PhD  
Position: Professor  
Institution: IN-Coimbatore Institute of Technology

Name: Mustafa, Kamal  
Gender: Male  
Degree: PhD  
Position: Professor  
Institution: NO-University of Bergen

Name: Rahman, Talal  
Gender: Male  
Degree: PhD  
Position: Professor  
Institution: NO-Bergen University College

Name: Ranganathan, Rajesh  
Gender: Male  
Degree: PhD  
Position: Associate Professor  
Institution: IN-Coimbatore Institute of Technology

Name: Santhanam, Agilan  
Gender: Male  
Degree: PhD  
Position: Associate Professor  
Institution: IN-Coimbatore Institute of Technology

Name: Selladurai, Velappan  
Gender: Male  
Degree: PhD  
Position: Professor  
Institution: IN-Coimbatore Institute of Technology

#### A.5 Attachments

##### A.5 Attachments

- \* [CV\\_Dhayalan.pdf](#)
- \* [Biodata NMKS A.pdf](#)
- \* [Kasbah - Internship Letter.pdf](#)
- \* [Manufacturing and Materials CIT BUC Letters.pdf](#)
- \* [WP\\_fig\\_UTFORSK\\_2016.pdf](#)

# UTFORSK 2020 - Application four-year funding

## Project document

### Start

The project document copies the information you provided in your application and is almost identical to the application you submitted. A contract section has been added, where some information must be filled in before submission.

The project document is the final description of your project and will be part of the contract for your project. The project document will also serve as the basis for reporting on the progress of the project. It is therefore important that the project description and budget are as up-to-date as possible and accurately reflect what you are going to do as part of the project.

Here is a **step-by-step description of the process that you must complete** before the first distribution of project funds can be made:

- Please make the changes/updates requested by Diku, as specified in the comments in an email from Diku to the project coordinator. If there are other changes that you would like to make to the budget or project plan (for instance, if something unforeseen has changed or happened since you submitted the application), you may do so. Please inform Diku of any such changes you make.
- In the contract section of the document, please fill in a) the name and organisation number of your institution, b) bank information and c) the name and title of the legal representative who will sign the contract on behalf of your institution.
- When you have made the necessary updates, please notify Diku by email ([utforsk@diku.no](mailto:utforsk@diku.no)) for approval. The notification must include a list of any (substantial) changes you have made that were not explicitly requested by Diku.
- When the project document has been approved by Diku, you will be notified and asked to submit the form electronically in Espresso.
- After submission, please print the full document, have it signed by the legal representative of your institution, scan it and send it by email to Diku ([utforsk@diku.no](mailto:utforsk@diku.no)). Diku does not need the original copy.
- Diku's Director General will then sign the contract, and Diku will return a digital copy of the signed contract to your institution. The contract must be signed by Diku for the first disbursement of project funds to be made.

If you have questions, please contact [Diku](#).

## Contract

### Special conditions

#### A. CONTRACTING PARTIES

This contract (the "**Contract**") is entered into and between;



## Project title

Higher Education and Research on Advanced Materials for Clean Energy Technologies (HERAMCET)

## Project summary

Norway and India have committed themselves to become carbon-free by 2050 and Higher Education Institutions (HEI) in both countries will have a vital role to play in contributing to this aim through high quality education and research in the field of Clean Energy Technologies (CETs). The objective of HERAMCET is twofold, first we want to strengthen institutional collaboration between Western Norway University of Applied Sciences (HVL) and Indian HEIs, Coimbatore Institute of Technology (CIT), Alagappa University (AU) and PSG College of Technology, as well as with relevant industrial partners in Norway and India and the Norwegian Centre of Excellence in Hydrogen - India (CoE-H). Secondly, we want to improve the quality in education and research in the field of advanced materials for CET, with special emphasis on Solar, Hydrogen and super capacitor technologies.

We aim to reach these goals by developing new knowledge in sustainable and clean energy through revision and development of courses, development of innovative teaching tools in simulation, mutual physical mobility of students and staff, development of Collaborative Online International Learning (COIL) in selected courses, joint research, teaching and supervision, engaging the private sector for thesis cooperation, visits and input, and dissemination activities to both academia and the public.

The complementary expertise possessed by the partner institutions in CETs will help all the HEIs involved in developing and strengthening their Master/PhD study programs with high quality research components. Both the HEIs, the private sector partners and the general society will benefit from HERAMCET as it aims to produce motivated students with high competence, industrial experience and international exposure in the field of CETs. We envision creating a sustainable, broad alliance of HEIs and industrial partners from Norway and India that could bring long-term benefits to students, staff and all stakeholders of HERAMCET.

**Project period** 08/2021 - 07/2025

## Fields of education and training

- 1: Material technology (402)
- 2: Environmental technology (411)
- 3: Physical sciences (303)
- 4: Other medical sciences (507)

## 1.2 Applicant

### Applicant institution

HØGSKULEN PÅ VESTLANDET (NO-HVL)

### Campus:

Campus Bergen (NO)

Department/unit  
responsible for the  
project:

Department of Computer science, Electrical engineering and Mathematical  
sciences

### Head of Department

Name: Hetland, Kristin Fanebust  
Gender: Female  
E-mail: Kristin.Fanebust.Hetland@hvl.no  
Phone number: +4755587632

### Project coordinator

Name: Velauthapillai, Dhayalan  
Gender: Male  
Position: Professor  
Email: dhayalan.velauthapillai@hvl.no  
Phone number: +4792819641

### Administrative contact person

Name: Ulvestad, Bente Karin Hoddevik  
Gender: Female  
E-mail: Bente.Hoddevik.Ulvestad@hvl.no  
Phone number: +47 55 58 75 12

### Financial contact person

Name: Rundereim, Anniken  
Gender: Female  
E-mail: arun@hvl.no  
Address:  
Phone number: 47 55 58 71 30

## 1.3 Main partner institution outside Norway

### Main partner institution outside Norway

Coimbatore Institute of Technology (IN)

#### Department

1.3 Department: Physics Department, Computer and Mechanical Engineering

#### Head of department

Name: Velappan, Selladurai  
Gender: Male  
Email: principal@cit.edu.in  
Phone number: +919629322277

#### Project coordinator

Name: Natarajan, Muthukumarasamy  
Gender: Male  
E-mail: vishnukutty2002@yahoo.co.in  
Address:  
Phone number: +919442954202

## 1.4 Other partners

### Other partners

Institution: IN-Alagappa University (IN)  
:  
Unit: Department of Physics  
Contact person: Ganesan, Ravi  
Position: Head of the Department  
Email: raviganesa@rediffmail.com

Institution: IN-PSG College of Technology (IN)  
:  
Unit: Department of Physics  
Contact person: Balasundaraprabhu, Rangasamy  
Position: Associate Professor  
Email: prabhu7737@yahoo.com

Institution: NO-Solbære AS (NO)  
:  
Unit: PV installation  
Contact person: Petroncini, Simona  
Position: CEO  
Email: sp@solbaere.no

Institution:	NO-Greenstat Hydrogen PVT Ltd (NO)
:	
Unit:	Greenstat Hydrogen India PVT Ltd
Contact person:	Pedersen, Sturle
Position:	CEO
Email:	sturle@greenstat.no
Institution:	NO-Norwegian Center for Excellence in Hydrogen - India (CoE-H India) (NO)
:	
Unit:	Norwegian-Indian H2 Cluster
Contact person:	Pedersen, Sturle
Position:	Chair of the Board
Email:	sturle@greenstat.no
Institution:	IN-DEV International (IN-DEV)
:	
Unit:	DEV Solar
Contact person:	Devarajan, D
Position:	CEO
Email:	dev@devsolar.com
Institution:	IN-Leocom Lever Global India LLP (IN)
:	
Unit:	A. Krishnaveni
Contact person:	Krishnaveni, A.
Position:	Director
Email:	info@leocomlever.com
Institution:	IN-SS Systems (IN)
:	
Unit:	FENZO Power Solutions
Contact person:	Sivasankaran, S
Position:	Managing Partner
Email:	ssups1@gmail.com

### Non-academic partners

Does the project include non-academic partners?

Yes

### 1.5 Participants

#### Participants

Name:	Bentouba, Said
Degree:	PhD
Position:	Associate Professor
Institution:	NO-HØGSKULEN PÅ VESTLANDET
Name:	Eidsvåg, Håkon
Degree:	Master
Position:	Foreleser/PhD Research fellow
Institution:	NO-HØGSKULEN PÅ VESTLANDET
Name:	Gopal, Ramalingam
Degree:	PhD
Position:	Assistant Professor
Institution:	IN-Alagappa University

Name:	Gourji, Fatemeh Heidari
Degree:	Master
Position:	PhD stipendiat
Institution:	NO-HØGSKULEN PÅ VESTLANDET
Name:	Hetland, Kristin Fanebust
Degree:	PhD
Position:	Associate Professor
Institution:	NO-HØGSKULEN PÅ VESTLANDET
Name:	Kaliappan, Sivakumaran
Degree:	PhD
Position:	Assistant Professor
Institution:	IN-PSG College of Technology
Name:	Keykhaei, Mansure
Degree:	PhD
Position:	Visiting Researcher
Institution:	NO-HØGSKULEN PÅ VESTLANDET
Name:	Myrseth Oltedal, Velaug
Degree:	PhD
Position:	Associate Professor and Deputy Head of Mechanical, Marin and Energy Department
Institution:	NO-HØGSKULEN PÅ VESTLANDET
Name:	Nordström, Kajsa
Degree:	Master
Position:	Advisor, Avdeling for forskning, internasjonalsisering og innovasjon
Institution:	NO-HØGSKULEN PÅ VESTLANDET
Name:	Palanisamy, Balraju
Degree:	PhD
Position:	Assistant Professor
Institution:	IN-Coimbatore Institute of Technology
Name:	Rasukkannu, Murugesan
Degree:	PhD
Position:	Associate Professor
Institution:	NO-HØGSKULEN PÅ VESTLANDET
Name:	Rathnam, Yuvakkumar
Degree:	PhD
Position:	Assistant Professor
Institution:	IN-Alagappa University
Name:	Santhanam, Agilan
Degree:	PhD
Position:	Professor
Institution:	IN- Coimbatore Institute of Technology
Name:	Sankaran, Prasanna
Degree:	PhD
Position:	Associate Professor
Institution:	IN-PSG College of Technology



**E.I.D. - Parry (India) Limited**  
Regd Office : Dare House, 234, N.S.C. Bose Road, Parrys Corner, Chennai 600 001, India  
Tel : 91 44 25305789 Fax : 91 44 25341609 / 25340858  
CIN : L24211TN1975PLC006889  
Website : www.eidparry.com

**Memorandum of Understanding  
for Institute-Industry Interaction**

Between

**Coimbatore Institute of Technology (CIT)**  
(Autonomous Engineering College)



And

**E.I.D. - PARRY (INDIA) LIMITED**  
(Manufacturer of Sugars, Jaggery and allied products in South India)



**Coimbatore Institute of Technology** is a government-aided autonomous engineering college located at Avinashi Road, Civil Aerodrome Post, Coimbatore – 641014, Tamilnadu, India (hereinafter referred to as CIT) and E.I.D. – Parry (India) Limited, (hereinafter referred to as EID, having its registered office at Dare House, No 234, NSC Bose Road, Chennai – 600 001, Tamilnadu, India have, on 01-09-23, entered into this agreement which witness as follows:

**PREAMBLE**

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting technical and scientific literacy, established Coimbatore Institute of Technology (CIT) in Coimbatore, Tamil Nadu, South India in 1956. CIT is one of the most reputed and prestigious educational institutions in India. The Institute backed by World Class research and development over the years attained autonomous status in 1987.

*Am*





E.I.D. - Parry (India) Limited

Regd. Office: Dale House, 234, N.S.C. Bypass Road, Parrys Corner, Chennai 606 021, India.

Tel: 91 44 25306789 Fax: 91 44 25341609 / 25340858

CIN: L24211TN1975PLC006389

Website: www.eidparry.com

CIT was affiliated to Madras University from 1956 to 1980. In 1980, the Institute became affiliated to Bharathiar University and subsequently to Anna University in 2001. CIT is recognized by the All India Council for Technical Education. The Institute was granted autonomous status in 1987 and is accredited by the NAAC.

E.I.D. - Parry (India) Limited (EID) is involved in the business of manufacturing and marketing of Sugar, Jaggery & allied Products and Nutraceuticals and has its integrated sugar complexes consist of Cogeneration and distillery located in the states of Tamil Nadu, Karnataka and Andhra Pradesh in India. EID Parry is a value driven organization with an exemplary track record and brand recognition and has successfully launched and scaled up many products in the B2B and B2C segments. EID has good capabilities in the areas of Product Development, new Processes, Design & Manufacturing in terms of facilities and Manpower.

EID have consistently enhanced processing capabilities to build and deliver world-class products, enriching and energizing lives by creating value-added products from Agriculture. EID is widening of product mix and considerably larger addressable markets for each. EID R&D engineers envisage groundbreaking designs at their state-of-the-art facilities, using advanced labs to validate and test their value added products from Agriculture.

## OBJECTIVE

The objective of this MOU is many and would evolve with time and the quality of inputs provided by both the parties. At the outset the following can be envisaged. For Students of 4th year Engineering especially not limited to Mechanical, Manufacturing, Automation, Artificial Intelligence branches, EID shall provide the following services,

- Industrial Visit
- Internship / Project
- Guest Lecture
- Short-term certification courses related to our industry / products / process
- Campus placement
- Enable students to participate in events / competitions conducted by EID on account of

For Faculty of Mechanical, Manufacturing, and Automation, Artificial Intelligence branches,

EID shall provide the following services,

- Industrial Visit
- Research / Project Opportunity
- Guest Lecture by senior business leaders of EID

For EID employees:

- Upskilling courses on manufacturing process, automation, Machining, and other areas of interest to be conducted by CIT by using their facilities



**murugappa**

Hence EID & CIT agree:

- (i) **To offer Real Time Projects to the final year Students:** For this, EID will identify Real Time projects in different areas for students of different branches of Engineering (the distribution among the branches will be made available well in advance to CIT. Selection of these students will be completed at least two weeks prior to commencement of Projects at EID.
- a. Students for the Projects will be selected by EID through a screening procedure.
  - b. CIT will designate one of their Faculty Members as coordinators for students' projects to continuously monitor the progress of these Projects. EID will provide the list of Projects to CIT on selection of students.
  - c. In order to achieve the objectives stated in this MOU each party shall be responsible for its own costs and expenses arising from its performance under this MOU.
  - d. Both parties shall not use the name of the other in any advertisement or make any public announcement with the prior written approval of the other.
  - e. Each party shall respect the others Intellectual Property Rights (IPR) and shall not use any trade mark, copyright, design, symbol or designation belonging to the other, without prior written approval of the other party.
  - f. CIT agrees that EID is not obliged on account of this MOU to recruit/hire or train any fixed number of students from CIT.
  - g. Both the parties shall maintain confidentiality in respect of any information, course material, plans, discussions, strategies or any material which shall be deemed to be confidential and shared between the parties. Further, CIT agrees that EID may request students who undertake Project Work in EID to execute confidentiality agreements in order to protect any information exchanged by EID with such students in this regard.
  - h. It is acknowledged by the CIT that the confidential information furnished by EID will not be disclosed, either in whole or in part, to any third party, either directly or indirectly, by agent, student, employee or representative. However, the confidential information furnished may be disclosed only to those faculties of CIT connected with the activities pertaining to this MOU and they will be directed by CIT to treat such information in accordance with the terms of this MOU. The provisions pertaining to confidentiality shall continue even after the termination of this MOU.
  - i. EID hereby warrants, covenants, and undertakes that at any point of time during this MOU or after termination thereof it shall not use the name of CIT and related trade names of the CIT in any internal or external media or publications without obtaining the prior consent of CIT in writing. Media for the purpose of this clause shall include any visual representation, records, ledgers, letter heads, audio, internet, websites, brochures, pamphlets, etc.
  - j. CIT or its affiliates hereby warrants, covenants and undertakes that at any point of time during this MOU or after termination thereof it shall not use the name of EID and related trademarks, logos or any other name used by in any internal or external media or any publications without obtaining the prior consent of EID in writing. Media for the purpose of this clause shall include any visual representation, records, ledgers, letter heads, audio, internet, websites, brochures, pamphlets, application forms, prospectus, catalogues, press releases etc.



- k. CIT hereby covenants that it will not indicate, directly or indirectly, in its brochures, prospectus or any other media that students enrolling in the courses conducted by CIT will qualify for any employment or training in units of EID.
- l. All publications whether through print or any other media connected with the activities pertaining to this MOU will be done after review and express approval of CIT and EID. Any release and use of the publications shall be done only upon express written approval of the CIT and EID in advance.
- m. It is clearly understood that there shall not be any remuneration, fees, honorarium or any other monetary benefits to any employee/students/agents or any other Person associated or connected with both parties in respect of the services rendered pursuant to this MOU.
- (ii) **To organize Industrial Visits & In-Plant Training** to the units of EID. These visits will be centrally coordinated by EID, Chennai. Date of visit and the batch size will be decided well in advance by mutual consultations.
- (iii) **To organize Guest Lectures, Joint seminars/workshops/conferences.** This will be organized as and when required on mutually acceptable terms and conditions.
- (iv) **For Faculty (As a part of Faculty Development Programme):** To organize Industrial Visit/Faculty Training in contemporary areas of research and works related enabling Faculty to understand the nuances, facilitate students /nourish research initiative among students/Research scholars.
- (v) **For EID employees:** Upskilling courses on process, automation and Machining and other areas of interest to be conducted by CIT by using their facilities.
- (vi) **To Jointly carry out Research and Consultancy:**  
A dedicated team from CIT and EID will engage in research and consultancy services to support industries in the field of Automotive Component Manufacturing. By mutual discussion research areas will be identified and will be engaged jointly as and when required.  
Any Intellectual Property generated pursuant to the above, shall become the sole and exclusive property of EID.  
CIT shall disclose the information about Intellectual Property promptly and completely to EID and shall,  
(i) Execute all documents requested by EID for vesting with EID the entire right, title, and interest in and to the Intellectual Property.  
(ii) Execute all documents requested by EID for acquiring Intellectual Property  
(iii) Provide EID all assistance it may reasonably require, including the giving of testimony in any suit, investigation or other proceeding, in order to obtain maintain and protect the EID's right there in and thereto.
- (vii) **To jointly engage in Curriculum & Syllabi development**  
EID shall extend its support to CIT in framing curriculum & syllabi for courses, as may be deemed fit in this regard. In such a case EID will nominate its industry experts to be members in the Board of Studies of CIT.

Am



E.I.D. - Parry (India) Limited

Regd Office: Dale House, 234, N.S.C. Bose Road, Parrys Corner, Chennai 600 001, India.  
Tel: 91 44 25306789 Fax: 91 44 25341809 / 25340858  
CN: L24211TN1975PLC006989  
Website: www.eidparry.com

**COORDINATORS**

One coordinator from each side shall be appointed for effective monitoring & implementation of the action points of this MOU.

This agreement will be for a period of five years from the date of signing of this MOU by both the parties and will be renewed further if mutually agreed. Either party may terminate the agreement by written notification signed by the appropriate official of the Institution initiating the notice. Such notice must be received by the other party three (3) months prior to the effective termination date.

However, obligations and commitments already contracted for and involving their parties shall be honored and continued by both parties until such commitments are completed.

In witness whereof, the parties hereto caused this instrument to be executed as of the day, month and the year indicated below:

This MOU shall be governed and construed in accordance with the laws of India.

Any and all disputes or claims arising under this MOU or out of or in connection with the execution, interpretation, performance or nonperformance of this MOU or any or all of the foregoing shall be solely and finally settled by Arbitration under the Arbitration and Conciliation Act 1996. All arbitration proceedings shall be conducted in English Language and the venue of Arbitration shall be at Chennai.

For CIT

Principal  
Coimbatore Institute of Technology

For EID

Mr. A STEPHEN FRANCIS  
ASSOCIATE VICE PRESIDENT - HR & IR

Witness 1

Date: 4/9/23

Dr. A. Maheshwari,  
Deputy Placement Officer  
Coimbatore Institute of Technology  
Coimbatore - 641014

Witness 1

N. KIRUBAKER  
AGM - Legal

Date: 01-09-2023



**murugappa**

# DESIGN AND FABRICATION OF JAGGERY MIXER

*An Industrial Project Report*



**E.I.D. PARRY (I) SUGAR FACTORY,**

**PUGALUR, KARUR, TAMIL NADU, INDIA - 639 113**

*Guided by*

**K RAVEENDRAN**

Assistant General Manager – Projects

E.I.D. PARRY SUGAR FACTORY, PUGALUR, KARUR.

*Submitted by*

S.NO	NAME	REGISTER NO	DEPARTMENT	SEMESTER
1.	R KISHORE KUMAR	2006023	CHEMICAL	VII
2.	V MATHAN KUMAR	2006025		
3.	R AJAI	2002003	MECHANICAL	
4.	K BARANIKUMAR	2002011		
5.	J LOGANANDH	2002023		
6.	K SHREE RAM	2002040		
7.	S VASANTH	2002048		



**COIMBATORE INSTITUTE OF TECHNOLOGY**

**(An Autonomous Institution affiliated to Anna University)**

**COIMBATORE – 641 014**

**NOVEMBER 2023**



E.I.D. Parry (India) Limited

215/54, Bose Road, Parry's Corner, Chennai-600 001, India  
Tel: +91 44 25341609 / 25340858  
Fax: +91 44 25340399  
Website: www.eidparry.com

Mr / Ms S. Gokul  
Coimbatore Institute of Technology,  
Coimbatore - 14.

12<sup>th</sup> Sep, 2023

Dear Gokul,

Welcome to EID Parry!

We are extremely delighted to offer you the position of Graduate Engineer Trainee in our Organization.

The traineeship is for a period of one year. Your assimilation into our system depends on your enthusiasm to bring your learning into your specified role, your willingness to experiment with your learning and a desire to learn. During this period, we will provide you with opportunities to enhance your knowledge and skill to successfully contribute towards the organisation and also to undertake specific assignments across any location.

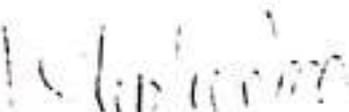
The salary structure is provided as an Annexure to this letter.

The training will commence with an Induction Program at Chennai. The exact date will be communicated to you in due course.

Please sign and return the duplicate copy of this letter. Your appointment is subject to your medical fitness and your successful completion of your Engineering Degree in Apr / May 2024.

I look forward to meeting you soon and trust that your association with the organisation will be a mutually beneficial one.

Your's faithfully,  
For E.I.D. - Parry (India) Limited

  
A Stephen Francis  
Associate Vice President - HR & IR

Acceptance of Offer

I hereby declare that I accept this Offer letter.



Signature

Contact:	Landline: <u>NEL</u>	Mobile: <u>6380456459</u>
	Email ID:	<u>gokulsubbanyan10@gmail.com</u>



Mr/ Ms J. Sharmuga Priya,  
Colombatore Institute of Technology,  
Colombatore - 14.

12<sup>th</sup> Sep, 2023

Dear Sharmuga Priya.

Welcome to EID Parry!

We are extremely delighted to offer you the position of Graduate Engineer Trainee in our Organization.

The traineeship is for a period of one year. Your assimilation into our system depends on your enthusiasm to bring your learning into your specified role, your willingness to experiment with your learning and a desire to learn. During this period, we will provide you with opportunities to enhance your knowledge and skill to successfully contribute towards the organisation and also to undertake specific assignments across any location.

The salary structure is provided as an Annexure to this Letter.

The training will commence with an Induction Program at Chennai. The exact date will be communicated to you in due course.

Please sign and return the duplicate copy of this letter. Your appointment is subject to your medical fitness and your successful completion of your Engineering Degree in Apr / May 2024.

I look forward to meeting you soon and trust that your association with the organisation will be a mutually beneficial one.

Your's faithfully,  
For E.I.D. - Parry (India) Limited

  
A Stephen Francis  
Associate Vice President - HR & IR

**Acceptance of Offer**

I hereby declare that I accept this Offer letter.



Signature

Contact:	Landline: -	Mobile: 888 36 11 718
	Email ID: sharmuga priya 18@gmail.com	



**E.I.D. - Parry (India) Limited**  
 Regd Office : Dare House, 234, N.S.C. Bose Road, Parrys Corner, Chennai 600 001, India  
 Tel : 91 44 25306789 Fax : 91 44 25341609 / 25340858  
 CIN : L24211TN1975PLC006989  
 Website : www.eidparry.com

Mr / Ms A. Chowthri Vikash,  
 Colbatore Institute of Technology,  
 Colbatore - 14.

12<sup>th</sup> Sep, 2023

Dear Vikash,

Welcome to EID Parry!

We are extremely delighted to offer you the position of **Graduate Engineer Trainee** in our Organization.

The traineeship is for a period of one year. Your assimilation into our system depends on your enthusiasm to bring your learning into your specified role, your willingness to experiment with your learning and a desire to learn. During this period, we will provide you with opportunities to enhance your knowledge and skill to successfully contribute towards the organisation and also to undertake specific assignments across any location.

The salary structure is provided as an Annexure to this Letter.

The training will commence with an Induction Program at Chennai. The exact date will be communicated to you in due course.

Please sign and return the duplicate copy of this letter. Your appointment is subject to your medical fitness and your successful completion of your Engineering Degree in Apr / May 2024.

I look forward to meeting you soon and trust that your association with the organisation will be a mutually beneficial one.

Your's faithfully,  
 For E.I.D. - Parry (India) Limited

*(Faint signature)*

A Stephen Francis  
 Associate Vice President - HR & IR

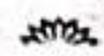
**Acceptance of Offer**

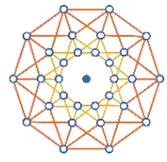
I hereby declare that I accept this Offer letter.

A. Chowthri Vikash

Signature

Contact:	Landline: NIL	Mobile: 8610497949
	Email ID:	chowthri.vikash@gmail.com





## INNOVATION NETWORK MEMORANDUM OF UNDERSTANDING

This Innovation Network Memorandum of Understanding (hereinafter referred to as “MoU”) is entered into on this the 5<sup>th</sup> of May 2023.

### BY AND BETWEEN

**Tamil Nadu Technology (iTNT) Hub registered as iTNT Foundation**, a Institution incorporated under Section 8 of the Indian Companies Act, having its registered office at Sir C V Raman Block, 3rd Floor, Anna University Campus, Kotturpuram, Chennai 600025, Tamil Nadu, represented by its **Chief Executive Officer, Mr. Vijay Anand** (hereinafter referred to as “iTNT”) which expression shall unless it be repugnant to the contrary shall include its affiliates, successors and permitted assigns); on the one Part;

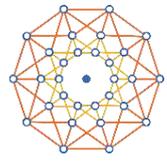
### AND

**Coimbatore Institute of Technology**, having its address at Avinashi road, Civil Aerodrome post, Coimbatore 641014, represented by its **Principal, Dr. A.Rajeswari** (hereinafter referred to as “Institution”) which expression shall unless it be repugnant to the contrary shall include its affiliates, successors and permitted assigns); on the other Part.

iTNT and Institution may be referred to herein individually as a "Party" or collectively as "Parties".

**WHEREAS**, iTNT has been setup with the support of the Government of India and the Government of Tamil Nadu, as a Public Private Partnership with the mandate of building a thriving deeptech and emerging tech ecosystem in the state bringing Startups, Corporates, Governments and Academia together; to build an incubator that helps early stage deeptech startups, to build an accelerator that helps deeptech and emerging tech startups with market access programs, to build an innovation network that engages academia and corporates, and to build a global collaborative ecosystem on high tech;

**WHEREAS**, Coimbatore Institute of Technology has been setup with a mission to impart high quality education and training to its students to make them World-Class Engineers with a foresight to the changes and problems, and pioneers to offer innovative solutions to benefit the nation and the world at large.



**WHEREAS**, iTNT is setting up an Innovation Network to leverage academic institution's research capacity to build a demand-driven innovation ecosystem;

**WHEREAS**, the Institution wishes to partner with iTNT to be a part of the Innovation Network, and iTNT has agreed to the same; and

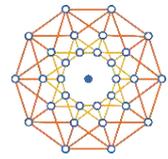
**WHEREAS**, the Parties wish to set forth their mutual understanding with regard to the same vide this MoU.

**NOW THEREFORE, THE PARTIES AGREE AS FOLLOWS:**

**1. Definitions**

1.1. "**Confidential Information**" means all information determined by such a term or such information that is of such a nature that its releasing can cause damage to the Disclosing Party, notwithstanding whether the information has a nature of personal, business or other information. Confidential Information is particularly considered to be all the information and data of technical, technological, economic, financial, business, legal, organizational and creative nature, intentions, methods, formulas, systems, principles, solving procedures, styles, ideas and designs, recognizable from mediums, e.g. from samples, drawings, plans, descriptions, procedures, instructions, charts and all partial materials, as well as expressed by any other perceptible way, notwithstanding whether they create the subject of a trade secret of the Disclosing Party, or information that is classified or restricted by or on behalf of the government, or any other information, data and documents provided by or on behalf of the Disclosing Party to the Receiving Party in a written, verbal, electronic form or any other form. The Confidential Information is also considered the information included in this MoU and also all information in relevant future agreements concluded by the Parties to the MoU.

1.2. "**Intellectual Property Rights**" means all rights arising in or to information, materials, utility models, inventions, discoveries, trademarks, trade names, patents, copyrights, designs and neighbouring and related rights, database rights, invention disclosures, know-how, trade secrets, and all other intellectual property rights and interests, in each case whether registered or unregistered and including any and all applications, and rights to apply for and be granted, registrations, renewals or extensions of, and rights to claim priority from, such rights and all



similar or equivalent rights or forms of protection which subsist or will subsist now or in the future in any part of the world.

1.3. “**Project/s**” shall mean the specific projects or activities undertaken by iTNT and the Institution under this Agreement.

## 2. **Purpose & Scope**

2.1. The purpose of this MoU is to establish a collaborative partnership between iTNT and Institution relating to the Institution’s participation in the Innovation Network.

2.2. Institution acknowledge that by collaborating, it can leverage it’s respective expertise, resources, and networks to advance research and innovation and foster economic and social development.

2.3. The objective of this partnership is to support the development of research and innovative solutions need for the industry, promote entrepreneurship, and encourage the transfer of knowledge and technology.

2.4. Through this MoU, the parties aim to create a sustainable and mutually beneficial relationship that will promote long-term cooperation and result in tangible benefits for both parties.

2.5. The objective of this partnership is to facilitate the active involvement of the Institution in the Innovation Network's programs and activities, including but not limited to innovation workshops, research projects, training programs, and entrepreneurial initiatives.

## 3. **Innovation Network’s Programs and Activities**

3.1. Institution acknowledges that the programs and activities offered by the Innovation Network will be governed by their respective program policies, terms, and conditions, including any applicable fees.

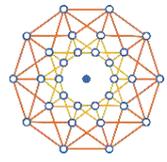
3.2. These program policies, terms, and conditions may cover areas such as eligibility criteria, program objectives, deliverables, timelines, confidentiality, intellectual property rights, and liability.

3.3. Institution agrees to comply with these program policies, terms, and conditions.

3.4. Prior to participating in each program or activity, iTNT, Institution and Industry Partner and will agree enter into an Agreement detailing the program policies, terms, and conditions, including the applicable fees, which will form an integral part of this MoU.

3.5. The parties acknowledge that the success of this partnership depends on the active participation and commitment of both parties to achieve their shared objectives.

3.5.1. Therefore, Institution agrees to use its best efforts to comply with the program policies, terms, and conditions of the Innovation Network and to actively participate in the programs and activities offered through the Innovation Network.



3.5.2. In the event that Institution fails to comply with the program policies or fails to participate in the programs offered through the Innovation Network without a valid reason, iTNT may terminate the MoU, program agreements, or other related documents at its sole discretion, and Institution shall be liable for any damages or losses resulting from such breach.

3.5.3. The termination of this MoU, program agreements, or other related documents shall not affect the validity of any obligations or liabilities incurred prior to the termination date.

**4. Publicity:**

4.1. The Parties shall cooperate with each other regarding any marketing and promotional activities undertaken by the Parties under this Agreement.

4.2. Neither Party shall make news releases, public announcements, give interviews, issue or publish advertisements, or publicize in any other manner whatsoever in connection with this MoU, the contents/provisions thereof, Confidential Information, or other matter related to this MoU, without the prior written approval of the other Party.

**5. Reporting, Records and Audit:**

5.1. The Institution shall maintain full, accurate, and proper records and books of accounts pertaining to the Projects or this MoU during the Term and for a period of three (3) years following the termination of this MoU.

5.2. iTNT, its Partners and/or its authorized representatives may, during business hours and with reasonable prior written notice, inspect and audit the books and records relating to the Projects or this MoU in the possession of the Institution.

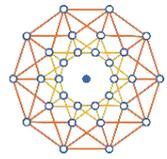
**6. Representations and Warranties:**

The Parties hereby warrant and represent that:

6.1. they have full power and authority to execute and deliver this MoU and perform its obligations, duties or responsibilities arising under this MoU;

6.2. The execution, delivery and performance of this MoU by such Party will not, conflict with, result in a breach of or default under any applicable law or regulation, or any order, writ, injunction or decree of any court or governmental authority;

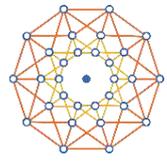
6.3. The execution, delivery and performance of this MoU by such Party will not, conflict with, result in a breach of or default under any MoU, arrangement or understanding, written or oral, to which such Party is a party or by which such Party or any of its assets are bound.



- 6.4. To the best of each Party's knowledge, there is no litigation pending against it in any court of law challenging the validity or propriety of, or otherwise relating to or involving, this MoU or preventing it from entering into this MoU or performing its obligations under this MoU; and
- 6.5. The representations and warranties furnished by each Party in this Section 6 are complete in all respects and do not contain any statement which is untrue regarding any material fact.
- 6.6. **Institution:** The Institution's performance of this MoU and implementation of the Projects shall be of high standard and quality, and its Personnel, employees, agents, staff, representatives or workers shall ensure that the results of the Projects and the deliverables do not infringe the rights of any third party, and that their workmanship shall not be adversely affected or compromised.

## 7. Confidentiality:

- 7.1. The Parties acknowledge and confirm each Party (the "Disclosing Party") may provide Confidential Information to the other Party (the "Receiving Party") under this MoU or relating to the Project. The Disclosing Party agrees that Confidential Information disclosed orally or in any other intangible manner shall be reduced to written form and marked as confidential within thirty (30) days of such disclosure. The Receiving Party shall protect and maintain the confidentiality of Confidential information.
- 7.2. Without the written consent of the Disclosing party, the Receiving Party shall not disclose any Confidential Information to any third person other than for the following reasons: (a) the public becomes aware or will be aware of the information (not disclosed by the recipient of the information by breaching this provision); (b) independently developed by Receiving Party without use of or reference to the disclosing party's Confidential Information (c) information disclosure as required by relevant laws and regulations or (d) information disclosure to the legal or financial advisor, who shall assume the same confidentiality obligations similar to the ones hereunder. The leakage of information by employee or engaged institution of the Receiving Party will be treated as the breach of the Receiving Party.
- 7.3. All obligations of confidentiality and non-disclosure imposed upon the Receiving Party under this MoU shall expire three (3) years after the expiration of this MoU, or until the Confidential Information ceases to be confidential in nature, whichever is the later.
- 7.4. Upon termination of this Agreement, the Receiving Party will promptly return to the Disclosing Party upon demand all Confidential Information of the Disclosing Party. In addition, upon the termination/expiry of Project in the Company and shall return the Confidential Information of the Company immediately.



## 8. Intellectual Property Rights:

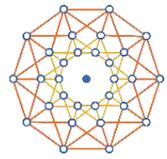
- 8.1. Each party shall remain the owner/rights holder of their own Intellectually Property Rights. No right to any Intellectual Property Rights of each Party is assigned, transferred or covenanted to the other Party under this MoU.
- 8.2. Institution recognizes that the joint activities carried out under specific Program(s) may result in the creation of intellectual property, such as inventions, patents, trademarks, copyrightable works, trade secrets, know-how, or data, that have commercial and/or strategic value.
- 8.3. Institution agrees that any intellectual property created, invented, discovered, or developed as a result of the joint activities will be subject to the terms and conditions of the program agreement signed between the Institution, iTNT, and industry partner.

9. **Term:** The term of this MoU shall commence from 01 May 2023 (effective date) and shall continue for a period of 3 years thereafter. The Parties may choose to renew this MoU for a further period after the expiration of the term of MoU at mutually agreed terms.

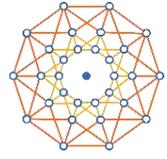
## 10. Termination:

- 10.1. iTNT may terminate this MoU or any Project under this MOU for any reason by providing 30 days prior written notice to Institution.
- 10.2. Either Party may terminate this MoU or any Project under this MOU on written notice to the other Party, if the other Party is in material breach of the terms of this MoU and has failed to cure such breach within 30 days of receiving a written notice requiring it to do so.
- 10.3. Effect of Termination/Expiry:
  - 10.3.1. The use Projects results and the deliverables, shall be governed by the respective Program Agreement.
  - 10.3.2. All property of each party in possession of the other party relating to a terminated Project shall be returned, including, without limitation, any deliverables and results of the Projects whether complete or incomplete.

11. **Indemnification:** Each Party agrees to hold the other Party harmless and to indemnify the other Party from and against any and all liabilities, losses, costs, damages, personal injury, loss of life or property, reasonable attorney's fees and expenses which it may sustain by reason of the breach or alleged breach of any terms or conditions in this MoU.



12. **Limitation of Liability:** In no event shall either Party be liable for lost profits, or any other special, reliance, incidental or consequential damages, however caused and under any theory of liability, whether based in contract, tort or otherwise, regardless of whether the Party has been advised of the possibility of such damages and notwithstanding the failure of any essential purpose of any limited remedy stated herein. Each Party's aggregate liability shall be limited any funds paid to iTNT for the respective Project under this MoU. Such limitation shall not be applicable in case of the results of the Projects or the deliverables infringing the Intellectual Property Rights of a third party.
13. **Restrictions:**
- 13.1. During the Term of this MoU and for 3 years thereafter; Institution shall not, without the prior written consent of iTNT, solicit or induce any employees of iTNT or its affiliates who are involved in the Projects to terminate or breach an employment, contractual or other relationship with iTNT.
- 13.2. Institution shall not (to the extent legally permissible) employ or engage any employees of iTNT during the term of this MoU and for 3 years thereafter.
14. **Legal Compliance:** Each Party shall comply with Applicable Law in discharge of its obligations under this MoU.
15. **Relationship of Parties:** This MoU does not create any agency, Partnership, joint venture, or franchise relationship between the Parties. Nothing contained in this MoU shall authorize any Party to act as an agent of the other except to the extent specifically agreed in writing.
16. **Assignment:** Neither party may transfer or assign its rights and obligations under this MoU without the prior written consent of the other party, which consent shall not be unreasonably withheld.
17. **Entire MoU:** This MoU contains the entire MoU between the parties with respect to the subject matter of this MoU and supersedes all previous negotiations, representations, or other MoUs previously made by the parties with respect to the subject matter of this MoU.
18. **Remedies:** All remedies available to either party for breach of this MoU are cumulative and may be exercised concurrently or separately. The exercise of one remedy will not be deemed an election of such remedy to the exclusion of other remedies.
19. **Amendment and Waiver:** No supplement, modification, amendment, or cancellation of this MoU shall be binding unless executed in writing by the parties hereto. No waiver of any of the provisions of this MoU shall be deemed or shall constitute a waiver of any other provision hereof (whether or not similar) nor shall such waiver constitute a continuing waiver.
20. **Severability:** In the event any provision or part of this MoU is found to be invalid or unenforceable, only that particular provision or part so found, and not the entire MoU, will be inoperative.



21. **Jurisdiction:** This MoU shall be construed in accordance with the laws of India and the Courts in Chennai shall have exclusive jurisdiction.
22. **Arbitration:** Any and all claims and disputes arising under this MoU shall be settled through arbitration by a sole arbitrator mutually appointed by both Parties. The Arbitration proceedings shall be conducted in accordance with the rules of the Indian Arbitration and Conciliation Act, 1996. Unless otherwise agreed, the seat of the arbitration shall be Chennai and the arbitration proceedings shall be conducted in the English language.

**IN WITNESS WHEREOF, the parties hereto have caused this MoU to be executed in duplicate by their duly authorized officers or representatives as of the day and year first above written.**

  
Vijay Anand (May 8, 2023 11:28 GMT+5.5)

Authorised Signatory

**Mr. Vijay Anand**

**Chief Executive Officer  
Tamil Nadu Technology (iTNT) Hub**

  
Dr.A.Rajeswari (May 9, 2023 10:01 GMT+5.5)

Authorised Signatory

**Dr. A.Rajeswari**

**Principal  
Coimbatore Institute of Technology**

**Chennai  
05-05-2023**



தமிழ்நாடு தமில்நாடு TAMIL NADU

T. Kavitha

78AB 016026

The principal CIT

T. KAVITHA  
STAMP VENDOR

1/29-A, SAKTHI, SIVANAGAR,  
VELLALORE, COIMBATORE  
TAMILNADU  
REF. No : 7323/B1/2008/H

21.2.2020

CBE-14

**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
DEPARTMENT OF CIVIL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE  
AND  
M/s. SYNERGY HOMES, COIMBATORE**

**PREAMBLE**

THIS MEMORANDUM OF UNDERSTANDING herein after called MoU is arrived between Department of Civil Engineering, Coimbatore Institute of Technology, Avinashi Road, Civil Aerodrome Post, Peelamedu, Coimbatore, Tamil Nadu 641014, India, herein after referred to as CIT and M/s. SYNERGY HOMES, Coimbatore.

The first MoU between the Department of Civil Engineering, CIT and M/s. SYNERGY HOMES was signed on 06/11/2019 and the renewal of MoU is on 10<sup>th</sup> day of March, Two Thousand Twenty Three.

This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and M/s. SYNERGY HOMES through co-operation in the fields of Training, Testing and Consultancy Services on the basis of mutual benefits & interests.

### **1.0 JUSTIFICATION**

Applications of Civil Engineering concepts also require an in-depth understanding of real time scenarios and requirements. It is not always possible to simulate these kinds of scenarios within the college premises and class rooms with the limitations of contact hours and infrastructural features. If the students are provided with an opportunity and a platform to get access to real time projects and design challenges, the relevance of applying their theoretical knowledge to solve real time problems can be revealed. Also the vast research knowledge of the faculty and the testing and computational facilities in the Institution shall provide a huge opportunity for the practising Engineers to obtain optimal solutions for problems which could not be solved at the design offices.

### **2.0 OBJECTIVES**

- To provide training to faculty and students of Coimbatore Institute of Technology, on design & construction techniques.
- To provide exposure on construction Practices.
- To provide access to SYNERGY to utilize the Coimbatore Institute of Technology lab facility for testing & experimentations.
- To jointly develop incubation Centre which simulate a design office with students as the participants.
- To support student projects in terms of guidance, resource usage and help them in choosing more practical related topics.

### **3.0 ROLE OF COLLABORATING PARTIES**

- The parties will support co-operation in the fields of Training, Testing, and Consultancy on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.

### **3.1 COIMBATORE INSTITUTE OF TECHNOLOGY**

- To propose the training module to be considered for training the faculties and students
- To suggest the team of students interested in taking projects in making of high strength CSEB blocks, samples design & construction.
- To offer testing and consultancy services to SYNERGY, at mutually agreed terms
- To collaborate and jointly execute design projects proposal by SYNERGY
- To involve SYNERGY experts in research projects as external examiner or co-guide for any Master's and Doctorate research projects.

### **3.2 M/s SYNERGY Homes**

- To arrange industry visits for Coimbatore Institute of Technology faculties and students and extend the training on Construction Practices.
- To provide internship to students in Construction.
- To involve in programmes and projects of mutual benefit, that shall include visits and exchange of experts of technical personnel.
- To depute Experts from SYNERGY, as resource persons for guest lectures.
- To participate in conferences, courses, workshops, exhibitions and other joint meetings of mutual interest.
- To participate in joint training /education programme to raise the employability of students.
- To provide placement opportunities for Civil Engineering students after the completion of their course.

### **4.0 TERMS OF REFERENCE**

#### **4.1 FINANCE**

The activities which are stated in this MOU shall not be chargeable unless they are based on mutually agreed terms and conditions by both the parties. Both the parties shall not have any obligation or commitments to either of the parties.

#### 4.2 CO-ORDINATING AND MONITORING

- A co-ordinating committee will be constituted with one representative each from Coimbatore Institute of Technology and SYNERGY for implementing the activities.
- An annual review meeting will be arranged by the Co-ordinator of Coimbatore Institute of Technology inviting the executives from SYNERGY and review the progress of the collaborative activities.

#### 4.3 VALIDITY

- This MOU will be valid for 3 years from the date of execution of this MOU.
- However, if both the parties agree to terminate this MOU, with one month notice, the same can be legally terminated.
- The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

Signed at Coimbatore Institute of Technology, Coimbatore on 10<sup>th</sup> day of March, Two Thousand Twenty Three

For and on behalf of

Coimbatore Institute of Technology

*Rajeswari*  
10/03/2023  
Principal **Dr. A. RAJESWARI, M.E., Ph.D.,**  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.

Witness:

1. *V. G. V.*  
10/03/2023  
Head of the Department  
Department of Civil Engineering  
Coimbatore Institute of Technology Avinashi Rd,  
Civil Aerodrome Post, Peelamedu, Coimbatore,  
Tamil Nadu 641014

2. *M. Ananthil*  
10/3/23  
M. Ananthil,  
Asst Prof, Dept of Civil Engg,  
CET, Coimbatore - 14.  
M: 95755-9886.

For and on behalf of

*S. Prabhukumar*  
10/03/2023  
SYNERGY

**S. PRABHU, B.E., CIVIL**  
044/2021, Grade I-Registered Engineer  
Synergy Greenfra  
Coimbatore - 641045.





# Coimbatore Institute of Technology

(Govt. Aided, Autonomous Institution & Affiliated to Anna University.)

COIMBATORE – 641014.

DEPARTMENT OF CIVIL ENGINEERING

18.07.2023

Sub: - 37<sup>th</sup> Board of Studies Meeting of Civil Engineering – Invitation – reg.

To CoE Pym  
18/7/2023

The 37<sup>th</sup> Board of Studies Meeting of Civil Engineering is scheduled on 22<sup>nd</sup> July 2023. The meeting is convened to discuss and update curriculum and syllabi of B.E., B.E. (Part-Time) and M.E. Programmes in Civil Engineering. I invite all the members of BOS to participate in the proceedings.

**Time** : 09.30 am.

**Venue** : Library Conference Hall.

V. G. U  
18/07/2023

Dr. V. G. Srisanthi

Chairperson, BOS of Civil Engineering



**Copy to:**

- 1) The Principal, CIT.
- 2) The Controller of Examinations, CIT.
- 3) Circulation
- 4) File

18.07.2023

Submitted to the Principal, CIT.

Sub: Constitution of Board of Studies - Civil Engineering Board – 2022-2023 to 2024-2025 – reg.

**EXTERNAL MEMBERS:**

Dr. V. G. Srisanthi Professor & Head, Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore- 641014. Email: srisanthi@cit.edu.in Mobile : 9843768080	Chairperson	<i>Pran</i> <i>20/7/2023</i>
Dr. R. Thenmozhi Professor & Head, Department of Civil Engineering, Government College of Technology, Coimbatore - 641013. Email: drthenmozhi@gct.ac.in Mobile: 94434 40631.	Anna University Nominee	
Dr. K. Baskar Professor of Civil Engineering, National Institute of Technology, Tiruchirappalli - 620 015. Email: kbaskar@nitt.edu Mobile: 9790180736	Academic Expert	
Dr. M. Ibrahim Bathusha Professor of Civil Engineering, PSG College of Technology, Coimbatore – 641004. Email: mib.civil@psgtech.ac.in Mobile: 9842047791	Academic Expert	
Dr. A. Sudhahar, Chief Consultant, No. 57, Krishnaswamy Street, RS Puram, Coimbatore - 641 002. Email: <a href="mailto:constructeasy@yahoo.com">constructeasy@yahoo.com</a> Mobile: 9843153400	Industrial Expert	
Er. S. Prabhu Founder, Synergy Greenfra, No.10 West Vinayagarkovil Street Udayampalayam, Coimbatore – 641028. Email: <a href="mailto:prabhu@synergygreenfra.in">prabhu@synergygreenfra.in</a> Mobile: 8489932562.	Alumnus	





# COIMBATORE INSTITUTE OF TECHNOLOGY

(Govt. Aided Autonomous Institution Affiliated to Anna University)

COIMBATORE - 641 014, TAMIL NADU.

Phone : Tel : 0422-2574071, 2574072 Fax : 0422-2575020

E-mail : principal@cit.edu.in Grams : 'COINTECH' www.cit.edu.in

## DEPARTMENT OF CIVIL ENGINEERING

Date : 17.07.2023

To

Er. S. Prabhu

Founder,

Synergy Greenfra,

No.10 West Vinayagarkovil street

Udayampalayam, Coimbatore - 641028

Email: [prabhu@synergygreenfra.in](mailto:prabhu@synergygreenfra.in)

Mobile: 8489932562.

Dear Sir/Madam,

**Sub:** 37<sup>th</sup> Board of Studies Meeting Invitation – reg.

The 37<sup>th</sup> Board of Studies meeting for Civil Engineering Department has been scheduled on 22 July 2023 (FN), 9.30 AM in offline mode at Coimbatore Institute of Technology. In this regard, I cordially invite you to attend the meeting and give your valuable suggestions.

### *Agenda for the meeting:*

1. To discuss and finalize the curriculum structure for 2023 revision and syllabi (Both UG and PG)
2. To discuss and finalize the curriculum structure 2023 and syllabi for Part-Time B.E. Civil Engineering
3. To discuss Verticals for B.E. Honors.

Thanking you



Yours truly

V. G. S. 17/07/2023

Dr. V.G. SRISANTHI, M.E., Ph.D.  
Professor & Head,  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014.



KERAJAAN MALAYSIA

**IBU PEJABAT**  
**LEMBAGA HASIL DALAM NEGERI MALAYSIA**  
**MENARA HASIL**  
**PERSIARAN RIMBA PERKAI**  
**CYBER 3 63000 CYBERJAYA**  
**S/SELANGOR DARULHSAN**



**SIJIL SETEM**

ASA

**STAMP CERTIFICATE**

(Sijil setem dijana secara elektronik sebagai bukti penyertaan)  
 (This certificate is generated electronically as evidence of stamping)

<b>Gara Bayaran / Payment Method</b>	FPX TRANSACTIONS
<b>No. Adjudikasi / Invoice No.</b>	20100817020000NL
<b>Jenis Surat Gara / Type of Instrument</b>	MEMORANDUM OF AGREEMENT SURAT CARA UTAMA
<b>Tarikh Surat Gara / Date of Instrument</b>	14/10/2022
<b>Bekas / Denomination</b>	RM 100
<b>Maklumat Pihak Pertama / Penerima / First Party / Vendor / Lender / Issuer / Assignee</b>	ASIA PACIFIC UNIVERSITY OF TECHNOLOGY AND INNOVATION, NO 87/ARIFAT (6231000000)
<b>Maklumat Pihak Kedua / Penerima / Penerima Kedua / Party / Purchaser / Assignee / Assignee</b>	COMBATORE INSTITUTE OF TECHNOLOGY, NO 87/ARIFAT 0000000000
<b>Bukan Harta / Surutcara / Property / Instrument Description</b>	

Dengan ini, creasion surat setem disahkan dan d.riada seperti maklumat di bawah:  
 These instruments are stamped and created as below:

Ruj. BT / Sabit / Stamp Certificate No.	RM10022450057
Tarikh / Date / Stamp Date	14/10/2022
Dasar / Basis / Instrument Description	RM100
Bekas / Denomination	RM 100
P. / Issuer / Assignee	RM 100
P. / Assignee / Assignee	RM 100
Isi / Content / Instrument Description	Suruhan 97



Pamungku / Stamp

No. Rekod / Record / Invoice / Invoice Application No. KLS/2022/08/02/12167 Tarikh / Date / Invoice / Invoice No. 24/10/2022 11:55:45

Kepercayaan dan keyakinan kepada keabsahan dan keabsahan dokumen ini bergantung kepada keabsahan dan keabsahan dokumen ini.  
 The validity and reliability of this stamp certificate is dependent on the validity and reliability of the instrument.  
 The validity and reliability of this stamp certificate is dependent on the validity and reliability of the instrument.  
 The validity and reliability of this stamp certificate is dependent on the validity and reliability of the instrument.

## MEMORANDUM OF AGREEMENT

This Memorandum of Agreement is made on the 14 OCT 2022 ("Effective Date")  
by and between:

### **PARTIES**

- A **Asia Pacific University Sdn. Bhd.** (Company No. **672203-A**) a company established under the Companies Act 1965 (Act 125), a private higher educational institution established under Private Higher Educational Institutions Act 1996 (Act 533) and having its address at Jalan Teknologi 5, Technology Park Malaysia, 57000 Bukit Jalil, Kuala Lumpur, Malaysia ("APU") of one part, and
- B **Coimbatore Institute of Technology (No. F. 6 - 52 / 57 - 14 Dated 21<sup>st</sup> November, 1957)** an institution incorporated under the laws of India whose registered office is at Ashrafi Road, Civil Aerodrome Post, Coimbatore - 561014, India hereinafter referred to as "CIT")

The aforesaid parties are hereinafter referred to individually as "**Party**" and collectively as the "**Parties**".

### **RECITAL**

- (1) APU is a university with strong track record in teaching and technology development;
- (2) CIT is an educational institute backed by strong academic-industrial interaction and high quality research and consultancy;
- (3) The Parties are desirous to collaborate and cooperate in the "**Programme**" more particularly described in **Schedule 1** for their common interest in knowledge sharing, enhancing entrepreneurship curricular and co-curricular and supporting start-up/spin-off companies;
- (4) The Parties are entering into this Memorandum of Agreement ("hereinafter referred to as "**this Agreement**") to regulate their relationship as well as their respective rights and obligations to each other as herein contained.

**NOW THEREFORE IT IS HEREBY AGREED** as follows:

#### **1. Scope and Objectives**

- 1.1 The Parties hereby agree to collaborate and cooperate in the Programme for the following objectives as follows:
  - (a) promotion of knowledge and technology sharing between educational institutions;
  - (b) promotion of student and staff academic mobility in relation to entrepreneurship;
  - (c) promotion and support start-up/spin-off companies; and

- (d) any other matters consistent with, necessary for and/or incidental to the above may be agreed by the Parties from time to time, based on terms and conditions set out herein.

## **2. Implementation of the Programme**

2.1 The Parties undertake to each other that:

- (a) it shall identify and select candidates, students or staff to participate in the Programme;
- (b) the hosting Party shall assign suitable and qualified mentor to each of the students and/or staff participating the Programme;
- (c) the Hosting Party shall arrange and make available accommodation, working space, research equipment and resources for students and/or staff participating the Programme;
- (d) it shall provide academic support and access to facilities to any students and/or staff participating the Programme with such facilities and services required;
- (e) it shall at all time encourage exchange of knowledge, information and technology and/or undertake knowledge, information and/or technology transfer;
- (f) to extent permitted under the law, it shall acknowledge, recognise, and credit the academic achievement of students (agreement on credit transfer for internship programme) and/or staff participating in the Programme, book camp, etc.; and
- (g) It shall use its best endeavour to undertake and carry out all and any activities so required for implementation of the Programme in accordance with **Schedule 1**.

## **3. Financial Arrangement**

3.1 The Parties agree the participating students and/or staff shall bear all the costs and expenses incurred or to be incurred by participating in the Programme, including but not limited to travelling and accommodation expenses, tuition fees, facilities fees and such other costs and expenses (if any).

## **4. Term**

4.1 This Agreement shall take effect upon the date of signing and shall remain in effect for a period of **three (3) years** ("Term").

4.3 At the end of the Term, either Party may renew this Agreement with the consent of the other Party (which may not be unreasonably withheld) by issuing to the other Party of a three (3) months prior written notice signifying its intention to renew.

## **5. Confidentiality**

5.1 Each Party agrees to maintain private and confidential all information obtained from the other, both pursuant to this Agreement and prior to and in contemplation of it and all other information that it may acquire from the other in the course of the

Programme, to use the same exclusively for the purposes of the Programme, and to disclose the same only to those of its employees, researchers and/or students (if any) to whom and to the extent that such disclosure is reasonably necessary for the purposes of the Agreement.

5.2 No Party shall publish or otherwise make public the contents of this Agreement and any information made available to each other pursuant to this Agreement and/or the Programme without the prior written consent of the other Party.

5.3 The foregoing obligations of Clause 5.1 and 5.2 above shall not apply to any information which:

(a) prior to receipt thereof from one party was in the possession of the recipient party and of its free disposal;

(b) is subsequently disclosed to the recipient party without any obligations of confidence by a third party who has not derived it directly or indirectly from the disclosing party; or

(c) is or becomes generally available to the public through no act or default of the recipient party or its employees, researchers and/or students (if any).

5.4 Each Party shall procure that all its students, employees, researchers and/or students (if any) who have access to any information of the other to which the obligations of Clause 5.1 and 5.2 apply shall be made aware of and subject to these obligations and shall further procure that so far as is reasonably practicable all of such employees, researchers and/or students (if any) shall enter into written undertakings in favour of the other Party to this end.

5.5 Neither Party shall use the other's name or logo in any press release or product advertising, or for any other promotional purpose, without first obtaining the other's written consent.

## 6. Intellectual Property

6.1 For the purpose of this Agreement:

For the purpose of this Agreement:

**"Foreground Intellectual Property"** means any Intellectual Property Rights that arise, are obtained or developed, created, written, prepared, discovered or otherwise brought into existence in the course of the Programme by either Party.

**"Background Intellectual Property"** means all Intellectual Property Rights conceived, developed, belonging to, obtained, controlled, licensed from a 3<sup>rd</sup> party to or acquired by either Party prior to the date of this Agreement.

**"Intellectual Property Rights"** means the collective intellectual property rights now held or hereafter created or acquired by a Party, arising under the laws of any state, country or jurisdiction, for: (i) all classes and types of patents, including but not limited to utility models, utility patents and design patents, patent applications and disclosures; (ii) all copyrights and moral rights in both published and unpublished works and all registrations and applications thereof; (iii) all mask works and all registrations and applications thereof; and (iv) all inventions, rights in know-how, trade secrets, and confidential technical and non-technical information; (v) trademarks, trade names, service marks, trade dress or other

forms of corporate or product identification whether or not registered; and (iv) any and all similar or equivalent rights throughout the world.

- 5.2 All Background Intellectual Property belonging to one Party (and shall remain the exclusive property of the Party owning it (or, where applicable, the third party from whom its right to use the Background Intellectual Property has derived)).
- 5.3 The Foreground Intellectual Property created or produced by the staff and/or students in connection and/or derived from the Programme, including but not limited to, any improvement, invention or discovery thereof as well as the rights in any application of patent or utility innovation, or in any patent or utility innovation granted on such application, shall be negotiated separately by the Parties on case basis.

## **7. Publication**

7.1 The hosting Party shall have the rights to use and publish any academic knowledge, findings or information in connection and/or derived from the Programme provided that:

- (a) the hosting Party shall notify the other Party not less than three (3) working days together with a copy of any publication to be made; and
- (b) the hosting Party shall acknowledge the other Party as contributor (if applicable) in such publication.

7.2 Neither Party shall be entitled to make or permit or authorise the making of any press release nor other public statements or disclosure concerning this Agreement or any of the transactions contemplated and without the prior consent of the other Party.

## **8. Termination**

8.1 Either Party may terminate this Agreement with immediate effect by giving notice to the other Party if:

- (a) the other Party commits a material or persistent breach of any provision of this Agreement and (if it is capable of remedy) the breach has not been remedied within thirty (30) days after receipt of written notice specifying the breach and requiring its remedy; or
- (b) the other Party becomes insolvent, or if an order is made or a resolution is passed for its winding up (except voluntarily for the purpose of solvent amalgamation or reconstruction), or if an administrator, administrative receiver or receiver is appointed over the whole or any part of the other Party's assets, or if the other Party makes any arrangement with its creditors.

8.2 Clauses 5, 6, 7 and 9 will survive the expiry of the term or the termination of this Agreement for any reason and will continue indefinitely.

8.3 In the event the Agreement is terminated due to the Institute's default, the APU shall be entitled to the Intellectual Property Rights to the work carried out during the course of the Programme. In the event the Agreement is terminated due to the APU's default, the Institute shall be entitled to the Intellectual Property Rights to the work obtained or developed in the course of the Programme.

## 9. Limitation of Liability

9.1 Neither Party shall be liable to the other in contract, tort or otherwise under or in connection with this Agreement for:

- (a) loss of business whether direct or indirect;
- (b) loss of income whether direct or indirect;
- (c) loss of profits whether direct or indirect;
- (d) loss of revenue;
- (e) loss of the use of money;
- (f) loss of goods;
- (g) loss of use;
- (h) loss of anticipated savings;
- (i) loss of reputation;
- (j) loss of and/or corruption to data;
- (k) third party claims to the extent that they represent the indirect loss of a third party;
- (l) any special loss, even though the other Party was aware of the circumstances in which such special damage could arise; and
- (m) any consequential loss or damage whatsoever caused (including for the avoidance of doubt where such loss or damage is of the type specified in sub clauses (a) to (l) above).

## 10. General

10.1 **Notices:** Any notice to be given under this Agreement must be in writing, may be delivered to the other Party or Parties by any of the methods set out in the left hand column below, and will be deemed to be received on the corresponding day set out in the right hand column.

Method of service	Deemed day of receipt
By hand or courier	The day of delivery
By prepaid registered post	five (5) Business Days after posting
By recorded delivery post	the next Business Day after posting
By fax (provided the sender's fax machine confirms complete and error free transmission of that notice to the correct fax number)	the next Business Day after sending or, if sent before 17.00 (sender's local time) on the Business Day it was sent

The Parties' respective representatives for the receipt of notices are, until changed by notice given in accordance with this clause, as follows:

### For APU:

Address: Asia Pacific University of Technology and Innovation  
Jalan Teknologi 8, Technology Park Malaysia, 57000 Bukit Jalil,  
Kuala Lumpur, Malaysia  
Email: research@apu.edu.my  
Fax number: 603-89551000  
Attention: Professor Ir. Ts. Dr. Anisah Thiruchelvam  
Professor Dr. Angelina Yee Siew Moon

**For CIT:**

Address: Coimbatore Institute of Technology, Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, India

Email: principal@iitc.edu.in  
Fax number: +91 - 422 - 2575020  
Attention: Dr N Muthukumarasamy, Dean R & D

- 10.2 **No agency:** Nothing in this Agreement creates, implies or evidences any partnership or joint venture between the Parties, or the relationship between them of principal and agent. Neither Party has any authority to make any representation or commitment, or to incur any liability, on behalf of the other.
- 10.3 **Amendments:** No variation or amendment of this Agreement will be effective unless it is made in writing and signed by each Party's representative.
- 10.4 **Governing law:** This Agreement is governed by, and is to be construed in accordance with the laws of Malaysia. The courts of Malaysia will have exclusive jurisdiction to deal with any dispute which has arisen or may arise out of or in connection with this Agreement or the Programme, except that either Party may bring proceedings for an injunction in any jurisdiction.
- 10.5 **Binding Effect:** This Agreement shall be validly binding against both Parties, their respective successor-in-title and permitted assigns.
- 10.6 **Data Protection:** Both Parties hereby agree that, in relation to the obtaining, using, disclosing and/or processing of any personal data (as defined in the Personal Data Protection Act 2010 ("PDPA")) belonging to one Party pursuant to this Agreement, they shall at all times comply with the requirements of the PDPA and shall process and/or use such personal data solely for the purposes contemplated in this Agreement only. Each Party shall indemnify and keep indemnified the other from and against all actions, claims, demands, expenses, liabilities, damages and/or losses arising out of or in connection with the breach of their respective obligations under the PDPA, after the coming into force of the same. Each Party hereby agrees and undertakes to immediately notify the other Party when it becomes aware of a breach of any of its obligations under the PDPA and/or if it believes that it may no longer be able, or no longer is able, to comply with the data protection requirements under the PDPA.
- 10.7 **Assignment:** No Party may assign or transfer this Agreement as a whole, or any of its rights or obligations under it, without first obtaining the written consent of the other Party. That consent may not be unreasonably withheld or delayed.
- 10.8 **Illegal/unenforceable provisions:** If the whole or any part of any provision of this Agreement is void or unenforceable, the other provisions of this Agreement will continue in force, and the validity and enforceability will not be affected.
- 10.9 **Waiver of rights:** If a Party fails to enforce, or delays in enforcing, an obligation of the other Party, or fails to exercise, or delays in exercising, a right under this Agreement, that failure or delay will not affect its right to enforce that obligation or constitute a waiver of that right. Any waiver of any provision of this Agreement will not, unless expressly stated to the contrary in writing, constitute a waiver of that provision on a future occasion.
- 10.10 **Entire agreement:** This Agreement constitutes the entire agreement between the Parties relating to its subject matter. Each Party acknowledges that it has not

entered into this Agreement on the basis of any warranty, representation, statement, agreement or undertaking except those expressly set out in this Agreement. Each Party waives any claim for breach of this Agreement, or any right to rescind this Agreement in respect of, any representation which is not an express provision of this Agreement. However, this clause does not exclude any liability which either Party may have to the other (or any right which either Party may have to rescind this Agreement) in respect of any fraudulent misrepresentation or fraudulent concealment prior to the execution of this Agreement.

10.11 **Formalities:** Each Party will take any action and execute any document reasonably required by the other Party to give effect to any of its rights under this Agreement, or to enable their registration in any relevant territory provided the requesting Party pays the other Party's reasonable expenses.

10.12 **Indemnity:** Either Party shall indemnify and save harmless the other Party against all losses of liability(es) incurred and/or any claims, penalty or costs of whatsoever nature made against the other Party by any third party(ies) as a result of any act, omission or under this Agreement, any law and/or negligence on the part of the other Party.

10.13 **Dispute Resolution:**

(a) If the Parties are unable to reach agreement on any issue concerning this Agreement or the Programme within fourteen (14) days after one Party has notified the other of that issue, they will refer the matter to the director(s), and/or the general manager of each of the Parties in an attempt to resolve the issue within fourteen (14) days after the referral.

(b) If the Parties are unable to settle any dispute by negotiation any dispute arising out of or in connection with this Agreement, including any question regarding its existence, validity or termination, or the legal relationships established by this Agreement, shall be referred to and finally resolved by arbitration which provisions are deemed to be incorporated by reference into this clause.

(c) The arbitration shall be held in Kuala Lumpur, Malaysia in accordance with the Arbitration Rules of the Asian International Arbitration Centre (Malaysia) for the time being in force. The language of the arbitration shall be English and the Tribunal shall consist of 1 arbitrator, who shall be a qualified lawyer.

(d) Notwithstanding the foregoing, any dispute arising hereunder with respect to the creation, ownership, validity, enforceability or other aspect of any Intellectual Property Rights of any of the Parties herein will be resolved by a court of competent jurisdiction and not by arbitration.

10.14 **Counterparts:** This Agreement may be executed in any number of counterparts, each of which shall be deemed an original, and all of which taken together shall be deemed to constitute one and the same instrument.

\*\*\*\*\*



## Schedule 1

### - Programme -

#### (A) Name of the Programme

Cooperation and participation between the Parties with the purpose of building capacity in supporting start-up/spin-off companies as well as exchanging knowledge and skills between faculty staff

#### (B) Programme Implementation

- (a) Mutual visits with students/staff participation
- (b) Access to supports and facilities in incubation centre
- (c) Jointly organise education bootcamp/competitions/accelerator programme
- (d) Provide mentor sharing/training sessions for start-up/spin-off companies
- (e) Provide advisory to start-up/spin-off companies on regulatory requirements and understanding of the market in each Parties' countries
- (f) Provide guidance relating to regulatory requirements, and/or venture capitalists or angel investors funding opportunities
- (g) Undertake joint research in entrepreneurship
- (h) Share curriculum and teaching materials relating to entrepreneurship programmes
- (i) Develop new programmes relating to entrepreneurship (if any)

## REPORT OF TWO DAY FACULTY WORKSHOP ON DESIGN THINKING

Title of Activity:		<b>DESIGN THINKING WORKSHOP</b>	
Date:	21.03.2024 & 22.03.2024	Venue:	Lib Block, Conference Hall



Session



Session



Session



Session



Session

## Report of Design Thinking

Institution organises two day faculty development workshop on DESIGN THINKING from 21.03.2024 to 22.03.2024, 9.30 am to 4.30 pm in the Library Block A/C Conference Hall

For this workshop, welcome address was given by Dr.Valliappan Raman, Professor & Head, Dept of AI&DS, CIT. After welcoming the dignitaries, felicitation address was given Prof. A.Rajeswari, Principal, CIT.

The key resource person for this workshop was Prof.Ts. Dr. Murali Raman, Deputy Vice Chancellor, Asia Pacific University Malaysia, Malaysia.

Design thinking, it's a powerful approach to solving problems by putting the user at the center. The aim of the workshop is to have a series of hands-on activities, which will gain empathy for the user, define the problem we're tackling, brainstorm innovative solutions, and test our ideas to see what works best.

The objective of two days workshop:

- Gaining a deeper understanding of the design thinking process
- Developing problem-solving skills
- Learning how to collaborate effectively in a team
- Generating some fantastic ideas to address

A total of 36 participants attended the workshop which includes all head of departments and selected academic staffs from various departments.

Appendix

Detailed workshop schedule

**COIMBATORE INSTITUTE OF TECHNOLOGY**  
(GOVERNMENT AIDED AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY)

**DESIGN THINKING WORKSHOP**

**Prof. Ts. Dr. Murali Raman**  
Deputy Vice Chancellor, Academic Development and Strategy at  
Asia Pacific University of Technology and Innovation, Malaysia  
Speaker

**MARCH 21 & 22 | 9:30AM TO 4:30PM**  
Library Block, Conference Hall, CIT

## **Design Thinking Workshop – Program Schedule**

### **21.03.2024**

9:30am: Welcome and Session 1 – Introduction to DT

10:45am: Refreshment

11:00am: Session 2 - Empathy

12:45pm: Lunch

2:00pm: Session 3 – Define the problem

3:15pm: Refreshment

3:30pm: Session 4 – Designing Thinking Challenge

4:30pm : Ends

### **22.03.2024**

9:30am: Session 1 - Ideate

10:45am: Refreshment

11:00am: Session 2 – Designing Prototype

12:45pm: Lunch

2:00pm: Session 3 – Test and Pitch

3:15pm: Refreshment

3:30pm: Session 4 – Pitching the Ideas among Teams

4:30pm : Ends

## Participants

1.	Dr. M. P. Muthuraj	Associate Professor (CAS) and Head i/c, Dept of Civil Engg
2.	Dr. S. Arul Selvan	Associate Professor, Dept of Civil Engg
3.	Dr. N. Rajam Ramaswamy	Associate Professor & Head i/c, Dept of Mechanical Engg
4.	Dr. A.S. Krishnan	Associate Professor, Dept of Mechanical Engg
5.	Dr.P.Mohan	Assistant Professor, Dept of Mechanical Engg
6.	Dr. S. Vasantharathna	Professor and Head, Dept. of EEE
7.	Dr. G. Manavaalan	Associate Professor, Dept of EEE
8.	Dr.M.L.Merlin Sajini	Associate Professor, Dept. of EEE
9.	Dr. S. Uma Maheswari	Professor and Head, Dept. of ECE
10.	Dr.G.Puvaneswari	Associate Professor, Dept. of ECE
11.	Dr.P. Muthu Subramanian	Assistant Professor, Dept. of ECE
12.	Dr. A. Kunthavai	Professor (CAS) & Head i/c, Dept. of CSE
13.	Dr. M. Mohanapriya	Associate Professor, Dept. of CSE
14.	Dr. K. Amsakala	Associate Professor, Dept. of CSE
15.	Dr. M. Thirumarimurugan	Professor & Head, Dept of Chemical Engineering
16.	Dr. B. Uma Maheswari	Assistant Professor, Department of Chemical Engineering
17.	Dr. N. K. Karthikeyan	Professor & Head, Dept. of Information Technology
18.	Dr. S. Rajasree	Assistant Professor Department of Information Technology

19.	Dr. Valliappan Raman	Professor & Head, Dept. of AI and DS
20.	Ms.K.R.Shanmugapriya	Assistant Professor, Dept. of AI and DS
21.	Dr.C.P.Yoganand	Assistant Professor Dept. of Physics
22.	Dr. P. Rupa	Assistant Professor , Department of Chemistry
23.	Dr. R. Maheswari	Assistant Professor Department of Humanities
24.	Dr. S. Jaya Sri	Assistant Professor Department of Mathematics
25.	Dr. K. Sakthi Mala	Professor & Head Department of Software Systems
26.	Dr.A.Saravanan	Associate Professor, Department of Software Systems
27.	Dr.S.Suganthi	Professor & Head Department of Data Science
28.	Dr.M.Sujithra	Associate Professor, Department of Data Science
29.	Dr. A. Kannammal	Professor & Head Dept. of Decision and Computing Sciences
30.	Dr.N.Yamuna Devi	Associate Professor Dept. of Decision and Computing Sciences
31.	Dr.J.Shana	Associate Professor & Head i/c Department of AI and ML
32.	Dr.E.Chandra Blessie	Associate Professor Department of AI and ML
33.	Dr.R.S.Somasundaram	Professor & Head Department of Computer Applications
34.	Dr.J.B. Jona	Associate Professor Department of Computer Applications
35.	Dr.M.Senthil	Professor & Head Department of Management Studies
36.	Dr. A. G. Sudha	Associate Professor Department of Management Studies

**Memorandum of Understanding**

Between

**Taylor's University, Malaysia**

And

**Coimbatore Institute of Technology, India**

Signed on 01, July 2022

By

Professor Dr David Asirvatham  
Executive Dean, Faculty of Innovation and Technology  
Taylor's University, Malaysia

And

Mr. S. Rajiv Rangasami  
Correspondent  
Coimbatore Institute of Technology, India

## **1. PARTIES**

**TAYLOR'S UNIVERSITY**, an institution of higher learning wholly owned by Taylor's University Sdn. Bhd. (198601000495 /149634-D)/ Taylor's Malaysia Sdn. Bhd. (200501005899 (682946-T), established under the Private Higher Educational Institutions Act 555, which for the purpose of this Agreement is represented by the Faculty of Innovation and Technology with address at 1 Jalan Taylor's, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia (hereinafter referred to as "TU").

And

**COIMBATORE INSTITUTE OF TECHNOLOGY (No. F. 6 – 52 / 57 – T.4 Dated: 21<sup>st</sup> November, 1957)**, an institution incorporated under the laws of India whose registered office is at Avinashi Road, Civil Aerodrome Post, Coimbatore – 641 014, India (hereinafter referred to as "CIT").

Individually referred to as Party or Institution and together referred to as Parties or Institutions.

## **2. PURPOSE**

- 2.1 This Memorandum of Understanding (MOU) presents the framework for a cooperative relationship between TU and Coimbatore Institute of Technology that aims to develop and foster academic links between the two institutions.
- 2.2 This MOU is not intended to constitute a legally binding contract and does not create any partnership or joint venture or obligate either party to commit financially in any way.
- 2.3 Notwithstanding the non-binding nature of this MOU, each of the Parties acknowledges that it enters this MOU in good faith and with a high level of commitment towards finding areas of mutual cooperation and collaboration.

### **3. SCOPE**

TU and Coimbatore Institute of Technology have identified and will further explore the following areas for potential bilateral collaboration and cooperation:

- 3.1 Research collaboration
- 3.2 Student and Faculty exchange
- 3.3 Academic exchange (talks, forums, lectures, etc.)
- 3.4 Joint supervision for postgraduate students
- 3.5 Any other initiatives

### **4. PLANS**

- 4.1 Collaborative activities or projects between the parties will be subject to further mutual agreement detailing each party's obligations and responsibilities and the conditions relating to each activity or project and compliance with applicable laws as well as the rules and regulations applicable in each institution.
- 4.2 Before the implementation of any activity stated above, the two parties shall discuss the relevant issues of the activity and conclude specific activity agreements based on the mutually agreed objectives and outcomes of the activity. Activity agreements will include such terms as the following:
  - a) Elaboration of the responsibilities of each institution for the agreed activity,
  - b) Specific schedules for the activity,
  - c) Budgets and sources of finance for the activity,
  - d) Detailed management of intellectual property rights and publications,
  - e) Any other items necessary for the efficient management of the activity

### **5. RESPONSIBILITIES**

#### **5.1 Coordinator**

The Parties agree to designate, on behalf of each institution, a project leader whose responsibility will be to coordinate the execution of this MOU and to draw up a list of programmes or activities to be implemented under this MOU, setting out specific provisions concerning these programmes or activities including budget requirements and details of funding. For this purpose, the contact information of the project leader from each institution is given below:

<b>Institution</b>	<b>Taylor's University</b>	<b>Partner Institution</b>
Name of Project Leader	Prof Dr Azween Abdullah, and Dr Eunice Phang Siew Wei	Prof Dr Muthukumarasamy and Prof Dr John Rudolph Raj
Designation	Acting Head of School respectively	Acting Head / Dean-R&D of School respectively
Department/School	School of Computer Science, and School of Engineering respectively	Department of Physics, and Department of Management Studies respectively
Telephone		9442954202 9626260410
Fax		0422 – 2575020
Email address	<a href="mailto:Azween_Abdullah@taylors.edu.my">Azween_Abdullah@taylors.edu.my</a> ; <a href="mailto:SiewWei.Phang@taylors.edu.my">SiewWei.Phang@taylors.edu.my</a>	<a href="mailto:deanrd@cit.edu.in">deanrd@cit.edu.in</a>  <a href="mailto:johnr@cit.edu.in">johnr@cit.edu.in</a>

## 5.2 Financials

The Parties acknowledge that in the absence of any specific agreement in writing to the contrary, each Party will be responsible for its own costs and expenses in establishing and conducting programmes and activities contemplated under this MOU, including without limitation its own costs and expenses in travel and accommodation.

## 5.3 Confidentiality

The Parties agree and undertake to keep confidential at all times any information or data that may be exchanged, acquired or shared in connection with any programme or activity conducted pursuant to this MOU save where the same is already in public domain.

## 5.4 Intellectual Property

Ownership of intellectual property shared by the Parties pursuant to this MOU will remain with the contributor or creator. All such material must be treated as confidential and not for public circulation unless specifically agreed otherwise by both Parties. This provision is binding on the Parties and will survive the termination or expiry of this MOU.

## **5.5 Use of Name and Logo**

Neither Party may use the name or logo or any variation of the name or logo of the other Party, or of any member of the other Party, or its employees or students, in any publicity, advertising or news release without the prior written approval of an Authorised Representative of that Party.

## **6. EFFECTIVE DATE, DURATION AND TERMINATION**

- 6.1 This MOU shall take effect on and from the date of execution of this MOU and shall continue to be effective for a period of THREE (3) years and may be extended for such further periods as may be agreed to by the Parties in writing.
- 6.2 Notwithstanding clause 6.1 above, this MOU may be terminated by either Party giving written notice to the other at least three (3) months prior to the proposed date of termination.
- 6.3 Notwithstanding clause 6.2 above, the provisions of this MOU or any other written agreement in respect of any on-going programme or cooperative activity under this MOU shall continue to apply until their completion unless both Parties mutually agree in writing to the earlier termination of the programme or cooperative activity.
- 6.4 The Parties agree not to use each other's names in advertising or other form of publicity without prior written consent of that Party. However, the Parties agree in advance that each may use the name of the other in announcing this MOU.
- 6.5 This MOU may be amended only by the written consent of the two parties.

## **7. ANTI-BRIBERY AND CORRUPTION CLAUSE**

Each Party represents and warrants that it shall neither take nor refrain from taking any action that could result in liability for the other Party under any anti-corruption or anti-bribery laws and regulations in Malaysia and any other anti-bribery or anti-corruption law or treaty applicable to either Party or, if applicable, its Affiliates. Each Party has and shall maintain in place throughout the Term policies and procedures to confirm compliance with applicable Laws relating to anti-bribery and anti-corruption. Each Party shall promptly report to the other Party any request received by such Party for any undue financial or other advantage of any kind in connection with the performance of this Agreement. Neither Party shall accept, offer, or make any payment or provide

anything else of value, or take or fail to take any other action which is either prohibited or required by applicable Laws in connection with this Agreement.

Without prejudice to any other express remedies referred to elsewhere in this Agreement or any rights or remedies available at law or in equity, either Party shall have the right to take whatever action it deems appropriate including the right to terminate this Agreement with immediate effect if, acting reasonably, it deems such termination necessary to avoid damage to its reputation or to avoid criminal or other sanctions by the relevant authorities and shall not be liable to pay any compensation to the Party for any loss or damage howsoever arising as a result of the termination under this clause.

#### **EXECUTION AND DATE**

Both Parties have caused this Memorandum of Understanding to be executed by their duly authorised representatives.

For and on behalf of  
**TAYLOR'S UNIVERSITY**



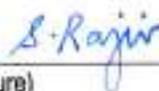
(Signature)

**PROFESSOR DR DAVID ASIRVATHAM**

Executive Dean

Date: 01 July 2022

For and on behalf of  
**COIMBATORE INSTITUTE OF  
TECHNOLOGY**



(Signature)

**Mr. S. RAJIV RANGASAMI**

Correspondent – CIT

Date:

In the presence of



\_\_\_\_\_  
(Signature)

**Assoc Prof Raja Kumar Murugesan**

**Head of Research, Faculty of Innovation  
and Technology, Taylor's University.**

In the presence of



\_\_\_\_\_  
(Signature)

**Dr. A. Rajeswari**

**Principal – CIT.**

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமிழ்நாடு TAMIL NADU

The principal CIT

CBE

T. KAVITHA  
STAMP VENDOR

1/29-A, SAKTHI CARRY NAGAR,  
VELLALORE, COIMBATORE,  
TAMILNADU  
REF. No: 7323/B/1/2008/4

78AB 016020

21.2.2020

MEMORANDUM OF UNDERSTANDING

BETWEEN

DEPARTMENT OF CIVIL ENGINEERING

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE

AND

Dr FIXIT INSTITUTE, MUMBAI

PREAMBLE

THIS MEMORANDUM OF UNDERSTANDING herein after called MoU is arrived between Department of Civil Engineering, Coimbatore Institute of Technology, Avinashi Road, Civil Aerodrome Post, Peclamedu, Coimbatore, Tamil Nadu 641014, India, herein after referred to as CIT and Dr FIXIT of Structural Protection and Rehabilitation (DFR – SPR), Regent Chambers, 7<sup>th</sup> Floor, Jammalal Bajaj Marg, 208 Nariman Point, Mumbai-400021 herein after referred to as DFR-SPR

V. a. v

This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and DFR-SPR, Mumbai through co-operation in the fields of Training, Testing and Consultancy Services based on mutual benefits & interests.

### 1.0 JUSTIFICATION

Applications of Civil Engineering concepts also require an in-depth understanding of real time scenarios and requirements. It is not always possible to simulate these kinds of scenarios within the college premises and classrooms with the limitations of contact hours and infrastructural features. If the students are provided with an opportunity and a platform to get access to real time projects and design challenges, the relevance of applying their theoretical knowledge to solve real time problems can be revealed. Also, the vast research knowledge of the faculty and the testing and computational facilities in the Institution shall provide a huge opportunity for the practising Engineers to obtain optimal solutions for problems which could not be solved at the design offices.

### 2.0 OBJECTIVES / SCOPE OF AREAS OF OPERATION

- To provide training to faculty and students of Coimbatore Institute of Technology, on repair techniques and water proofing methodology.
  - Construction Chemicals Application
  - Waterproofing Materials system and Technologies
  - Sustainable building constructions practices and Materials
  - New Generation Concrete Admixtures
  - Corrosion and Protective Coatings
  - Structural Diagnosis and Condition Analysis of RC Structure
  - Crack in Concrete and Concrete repair
  - Repair and Rehabilitation of Concrete Structure
  - Building Maintenance – Water Proofing and General Repair
  - Heritage Conservation
- To provide exposure on global standards on water proofing Repair and Rehabilitation technologies and materials.



V. G. V.

- To provide access to **DFR -SPR lab** and testing facilities
- To jointly develop a Resource Centre.
- To support student projects in terms of guidance, resource usage and help them in choosing more practical related topics.
- To organize joint workshops / training program for professionals working with construction industry.
- To organize short-term professional development courses jointly.
- To provide skill development training programme for users category in water proofing and repair industry.
- To introduce electives / one credit course for civil engineering students.

### 3.0 ROLE OF COLLABORATING PARTIES

- The parties will support co-operation in the fields of Training, Testing, and Consultancy based on equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.

#### 3.1 COIMBATORE INSTITUTE OF TECHNOLOGY

- To propose the training module to be considered for training the faculties and students.
- To suggest the team of students interested in taking projects in making of repair and rehabilitation of existing concrete structures.
- To offer Training program, testing and consultancy services at mutually agreed terms.
- To involve **DFR-SPR**, experts in research projects as external examiner or co-guide for any master's research projects.



V. G. V

### 3.2 M/s Dr FIXIT, Mumbai

- To arrange industry visits for Coimbatore Institute of Technology faculties and students and extend the training on rehabilitation process.
- To provide internship to students during repair and rehabilitation process.
- To involve in services and projects of mutual benefit, that shall include visits and exchange of experts of technical personnel.
- To depute Experts from DFR- SPR as resource persons for guest lectures.
- To participate in conferences, courses, workshops, exhibitions and other joint meetings of mutual interest.
- To participate in joint training /education programme to raise the employability of students.
- To provide placement opportunities for Civil Engineering students after the completion of their course.

## 4.0 TERMS OF REFERENCE

### 4.1 FINANCE

The activities which are stated in this MOU shall be operated on a self-sustainable model. Both the parties shall not have any obligation or commitments to either of the parties.

### 4.2 CO-ORDINATING AND MONITORING

- A co-ordinating committee will be constituted with one representative each from CIT and DFR-SPR, for implementing the activities.
- An annual review meeting will be arranged to review the progress of the collaborative activities.



V. G. V.

#### 4.3 VALIDITY

- This MOU will be valid for 3 years from the date of execution of this MOU.
- However, if both the parties agree to terminate this MOU, with one-month notice, the same can be legally terminated.
- The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

Signed at

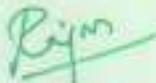
Coimbatore Institute of Technology, Coimbatore on 21/04/2022

For and on behalf of

Coimbatore Institute of Technology

For and on behalf of

Dr FIXIT of Structural Protection and  
Rehabilitation (DFR – SPR), Mumbai

  
Principal

**PRINCIPAL**

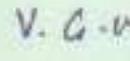
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014.

  
Head - Training

Regent Chambers, 7<sup>th</sup> Floor  
Sannatal Bajaj Marg  
208, Nariman Point  
Mumbai 400021



Witness:

1.  21/04/2022

Head of the Department

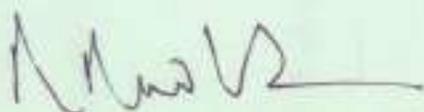
Department of Civil Engineering

Coimbatore Institute of Technology Avinashi Rd,

Civil Aerodrome Post, Peelamedu, Coimbatore,

Tamil Nadu 641014

2.

  
R. RADHA KRISHNAN  
D CAD ENGINEERS + CONSULTANTS

**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**



**COIMBATORE INSTITUTE OF TECHNOLOGY (CIT)**

**AND**

**NASSCOM/IT-ITeS SECTOR SKILLS COUNCIL NASSCOM**

**FOR**

**UNDERTAKING SKILL DEVELOPMENT TRAINING  
IN EMERGING TECHNOLOGIES**



This Memorandum of Understanding (MoU) is made on 10<sup>th</sup> day of January of the year 2022

BETWEEN

Coimbatore Institute of Technology (CIT) having its head office at Coimbatore Institute of Technology, Civil Aerodrome post, Avinashi road, Coimbatore- 641014, India, represented by Dr A. Rajeswari, Principal I/C, CIT (hereinafter referred to as CIT) which expression shall, unless repugnant to the context or meaning thereof, include its successors, executors and administrators in office, legal representatives and permitted assigns on the FIRST PART.

AND

National Association of Software and Service Companies having its head office at the NASSCOM Plots 7-10, Sector 126, Noida, UP – 201303, India (hereinafter called "NASSCOM/SSC NASSCOM"), represented by its Executive Director, IT-ITeS Sector Skills Council NASSCOM, which expression shall, where the context so admits, be deemed to include its successors, executors, and administrators of the **SECOND PART**.

\*\*\*

Whereas IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM / NASSCOM) an integral part of NASSCOM is the skill standard setting body of the IT-ITeS Industry and is also the education & skill development initiative of NASSCOM; SSC NASSCOM works with its industry members and select academic and skill development institutions to help improve the quality and quantity of the employable workforce available to this industry.

Whereas Coimbatore Institute of Technology (CIT) was founded in the year 1956 by V. Rangaswamy Naidu Educational Trust (VRET) with the noble aim of disseminating knowledge in the fields of Science, Engineering and Technology to the student community. CIT offers 8 Under-Graduate Academic Programs and 10 Post-Graduate Academic Programs in Engineering/ Technology, 4 Five Year Integrated M.Sc. Programs, MCA and MBA program, in addition to Ph.D. Research Programs. Autonomous status was conferred to the Institute in the year 1987.

**CIT** and **NASSCOM/SSC NASSCOM** will hence forth be referred to collectively as the Parties.

THE MoU WITNESSED AND THE PARTIES HERETO AGREE AS FOLLOWS:

## I. PREAMBLE / BACKGROUND / OBJECTIVE

Government of India under the aegis of Ministry of Electronics and IT has joined hands with NASSCOM as a team India effort to make India a global hub for skilled talent on emerging technologies. **FutureSkills PRIME** is an aggregator model platform built with an aim to reskill & upskill candidates/individuals in emerging technologies with an objective to create India's Digital Talent Stack that will propel India into a leadership position in the digital world.

FutureSkills PRIME platform is designed as a resource for all learners to not only develop digital fluency in new-age technologies but also build advanced skills by getting certified on industry defined & IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM) validated skills on both emerging technologies and professional skills.

## II. PURPOSE

1. The objective of this MoU is to undertake relevant skills upgradation via training program/s in the emerging technologies for the candidates/ students & faculty/ staff of CIT.
  - a. To encourage any-time, any-where, continuous self-paced learning for acquiring newer and industry relevant skill sets, build digital fluency on emerging technologies & professional skills through the availability of byte sized micro learning content.
  - b. To provide a diagnostic facility that offers aspirants/candidates an analysis of their aptitude and capabilities so that they can be guided on learning pathway options.
  - c. To provide a novel framework and an inclusive 'one stop up-skilling/ re-skilling solution' in new and emerging IT technologies that envisages a paradigm shift in the existing value chain through synergistic efforts of all stakeholders.
  - d. To motivate and create value at every step through innovative mechanisms such as 'skills passport', 'skills wallet', 'badges' etc. based on the aspirant's effort in their skilling journey.
  - e. The Company/University/College etc will also work internally to build their internal talent pool by encouraging employees/students & faculty/staff members to complete more badging and certifications.All the above will also work towards making India as a digital talent hub.
2. This engagement aims to implement short-term awareness and skill competency development programs including Foundation and Deep Skilling courses (both free and paid) in the emerging technologies area.
3. This intervention aims to equip the candidates/students & faculty/staff members with specific skills that are important in today's context. The learning intervention will keep them updated with the key trends / challenges faced in today's digital ecosystem.

### III. GENERAL PROVISIONS

1. This memorandum will set-up general conditions for co-operation in up-skilling / skill-based training and that the Parties intend to use it as a framework to continue their co-operation.
2. The Parties intend to coordinate and focus their efforts on co-operation within the area of the identified upskilling /skill development intervention(s) across CIT.
3. The terms of co-operation / directions will be defined collectively during negotiations. The Parties through mutual effort will try to establish long term and beneficial co-operation.

### IV. IMPLEMENTATION OF THE MEMORANDUM

To ensure the implementation of this MOU, through the identified SPOC/s from CIT.

1. The progress of the identified outcomes of cooperation for all the joint upskilling and awareness-oriented Skilling & Upskilling initiatives in the emerging technologies including areas like professional skills. Preparation and implementation of upskilling plans by the Parties concerned w.r.t the candidates/ students and faculty/staff of CIT.
2. Coordination and implementation with CIT, IT-ITeS Sector Skill Council NASSCOM and all the other key stakeholders for upskilling the targeted beneficiaries in skill-based training program w.r.t emerging technologies and related professional skills.
3. Discussion on other issues pertaining to the implementation of this Memorandum.
4. Monitoring and evaluation of all on-going initiatives.
5. Branding and awareness of skilling initiatives on emerging technologies.

### V. ROLE AND RESPONSIBILITIES OF CIT

1. **Mobilization of beneficiaries** – To take up the responsibility of mobilization of candidates /students & faculty/Staff for enrolment in the skilling and upskilling program. CIT shall coordinate with all associates (as applicable) to create a pool of trainees/beneficiaries/candidates for this program.
2. **Onboard** - a minimum of 500 **candidates on to the FutureSkills PRIME platform**. CIT will share the data in the predefined agreed format indicated in Annexure-1 and will also instruct candidates/students & faculty/staff to sign-up on FutureSkills PRIME.
3. Share SPOC details for coordination and facilitation.
4. Publish required Circulars/ Notifications advising about the Mission and vision agreed upon.
5. Extend all required support to co-ordinate with various offices/facilities if applicable.
6. Review the analytics reports and drive the common objective of building India's future ready workforce.
7. Responsibility to seek approval from relevant candidates to share their details on platform.

### VI. ROLE AND RESPONSIBILITIES OF NASSCOM/SSC NASSCOM

1. Facilitate the candidates/students & faculty /staff to register on NASSCOM's FutureSkills PRIME online platform.
2. Provide access to usage analytics. However, this is subject to the consent received from the candidate/s to share their details.
3. Offer via FutureSkills PRIME platform the learning content that match industry standards and are periodically updated.

4. Enable diagnostics, badging and assessments to learners.

## VIII. MONITORING

1. Monitoring the implementation of the deliverables of this MoU will be the responsibility of CIT.
2. Parties will periodically collaborate to monitor the implementation of the MoU as per the agreed to timelines.

## IX. CO-BRANDING GUIDELINES

1. Cobranding guidelines are an arrangement between NASSCOM/SSC NASSCOM and CIT. These guidelines shall apply to all uses of FutureSkills PRIME and NASSCOM/ SSC NASSCOM marks as defined herein and are currently effective as CIT has agreed to these and up to the terms thereof.
2. By using any FutureSkills PRIME, NASSCOM/ SSC NASSCOM Trademarks, CIT acknowledges that NASSCOM/ SSC NASSCOM is the sole owner of the Trademarks and agreeing not to interfere with NASSCOM/ SSC NASSCOM's rights in the Trademarks, including challenging NASSCOM/ SSC NASSCOM's use, registration of, or application to register such Trademarks.
  - a. CIT agrees that CIT will not harm, misuse, or bring into disrepute any NASSCOM/ SSC NASSCOM Trademarks and that the goodwill, if any, derived from your use of any NASSCOM/ SSC NASSCOM Trademarks exclusively inures to the benefit of and belongs to NASSCOM/ SSC NASSCOM.
  - b. CIT may not use any NASSCOM/ SSC NASSCOM Trademarks in metatags, search fields, hidden text, or any other form that has the purpose or effect of diverting or confusing consumers without NASSCOM/ SSC NASSCOM's prior written permission.
  - c. Other product names or trademarks, including those appearing on NASSCOM/ SSC NASSCOM's websites, that are not owned by NASSCOM/ SSC NASSCOM are for identification purposes only and may be the registered or unregistered trademarks of their respective owners.
  - d. No license or right is granted to CIT by NASSCOM/ SSC NASSCOM by implication, estoppel or otherwise to any such third-party names or trademarks or to the NASSCOM/ SSC NASSCOM Trademarks hereby.
3. **Branding:** CIT can co-brand with the NASSCOM/ SSC NASSCOM Trademarks internally/externally after the due approval in written on Logo (positioning, placement, design etc) and messaging from NASSCOM/ SSC NASSCOM.
4. NASSCOM would seek permission from CIT before using the CIT logo for any PR activity.

## X. MISCELLANEOUS PROVISIONS

1. This Memorandum of Understanding (MoU) as outlined in this document is not intended to be a legally binding document. Rather, it is meant to describe the nature and cooperative intentions of CIT and NASSCOM/SSC NASSCOM to suggest guidelines for cooperation. Nothing, therefore, shall diminish the

full autonomy of any Party, nor any constraints be imposed by either upon the other, and nothing in this agreement shall be deemed to create a joint venture, or agency relationship between the Parties.

2. Any other matter not included in the MoU which is necessary for the smooth functioning of the Scheme shall be finalized between CIT and NASSCOM/SSC NASSCOM on mutually agreed terms and conditions.
3. The use of the name, logo and/or official emblem of any of the Parties on any publication, document and/or paper is allowed only, after seeking explicit prior permission in writing of the owner Party concerned.
4. Amendments to this MoU will be only basis mutual consensus and the written consent (duly signed) of all the Parties concerned. Additions, deletions and/or alterations to this MoU may be affected with the written agreement of all the Parties to this MoU concerning the said changes. Documents containing such additions, deletions and/or alterations and signed by both the Parties shall form addenda to this MoU and be deemed to be part of this MoU.
5. The Memorandum of Understanding is not intended to create any legal relation of employer-employee or of principal and agent relationship amongst the Parties.
6. This Memorandum of Understanding shall remain valid for a period of 3 years from the date of its signing and can be extended on mutual terms and conditions. Through this Memorandum of Understanding CIT and NASSCOM/SSC NASSCOM affirm their commitment to fulfil and achieve the objectives mutually agreed upon in its Memorandum of Understanding.
7. Termination - this MoU can be terminated by either one of the Parties after serving 1(one) month notice to other Party in writing if there is failure/breach of understanding or default by any one of the Parties concerned.
8. This is a non-commercial MOU between both the Parties; however, any individual student subscribing for individual courses/programs at cost as declared eligible for subsidy will be addressed only by the concerned individual/subscriber. CIT will have no implication or responsibility on payments/subsidy thereof w.r.t registered candidates/beneficiaries i.e., Subscribers.
9. Confidentiality
  - a. Subject to Clause b below, Parties agree that they will keep all information in pursuant to this MoU confidential and shall not disclose to any third person any confidential information with respect to the MoU and program hereunder
  - b. Exceptions: Any Party may disclose Confidential Information:
    - to the extent to which it is required to be disclosed pursuant to applicable law;
    - to the extent to which it is specifically permitted by other Party in writing;
    - to the extent that the confidential information is publicly available (other than as the result of a breach by such Party of its confidentiality obligation under Clause 9 above);

- to its employees and professional advisors, but only to the extent necessary and subject to such employees and professional advisors accepting an equivalent confidentiality obligation to that set out in this Clause 'Confidentiality'.

Through this Memorandum of Understanding CIT, and NASSCOM/SSC NASSCOM affirm their commitment to fulfil and achieve the objectives mutually agreed upon.

**Signed this Memorandum of Understanding on this 10<sup>th</sup> day of January of the year 2022.**

<p>For and on behalf of CIT</p> <p>Address: CIT, Civil Aerodrome post, Avinashi road, Coimbatore- 641014</p> <p>Signature</p> <p>  <small>Dr. A. Rajeswari (Jan 24, 2022 18:15 GMT+5.5)</small></p> <p>Dr A. Rajeswari, Principal I/C CIT</p> <p>STAMP</p> <p></p>	<p>For and on behalf of NASSCOM</p> <p>Address: Plots 7-10, Sector 126, Noida, UP – 201303</p> <p>Signature</p> <p>  <small>Dr Sandhya Chintala (Jan 10, 2022 18:51 GMT+5.5)</small></p> <p>Dr Sandhya Chintala Executive Director IT- ITeS Sector Skills Council NASSCOM</p> <p>STAMP</p> <p></p>
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# Annexure-1

## A. Format for University/College





**Student Details for College/ University**  
Fields in Red are Mandatory

(A) Kindly refer tab <Important Notes> before filling

SNo	Roll Number	First Name	Last Name	Email ID <small>(preferred with college domain, if available)</small>	Department/ Stream	College	University <small>(where applicable)</small>	User Type <small>(Student / Teacher / Staff)</small>
<small>Sample Response below</small>								
1	WE252987	Akanksha	Kumar	akas2019@college.com	Computer Science	Acme	XYZ	Student

## B. Format for a Company

S No	Employee Number	First name	Last name	Email ID <small>(preferred with company domain, if available)</small>	Department	Organisation	Parent Organisation <small>(where applicable)</small>	User Type <small>(Permanent / Contract)</small>
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*\*the fields marked in red are mandatory and non-negotiable*



# COIMBATORE INSTITUTE OF TECHNOLOGY

An autonomous Institution affiliated to Anna University

## PLACEMENT CELL

PRESENTS

### NASSCOM TALK SERIES - 01

#### Exploring Placement and Internship opportunities

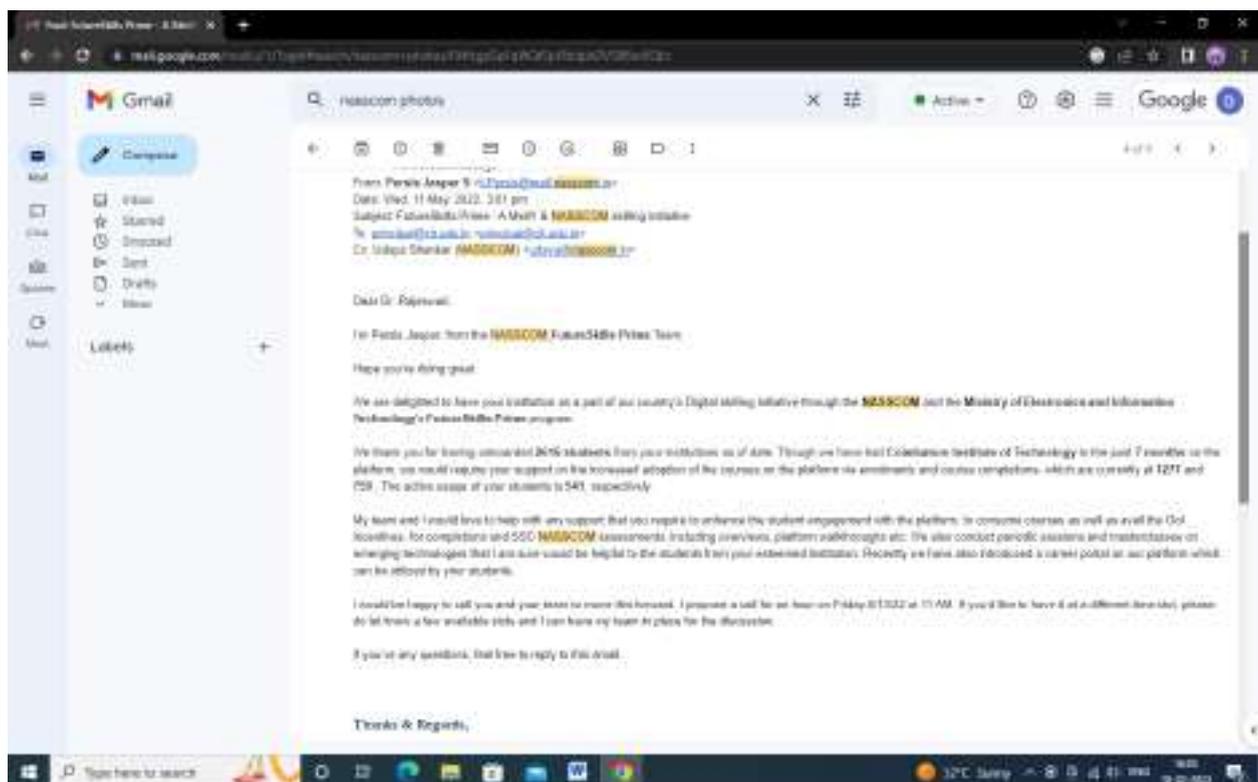
Mr. Uday Sankar  
National Lead  
NASSCOM

**DATE**  
11<sup>TH</sup> MAY 2022

**VENUE**  
AUDITORIUM

**TIME :**  
12.00 PM TO 01.00 PM

Mr. Suresh Kalpathi  
Chief Executive Officer  
Veranda Learning





All students and faculty members availed free access to be part of Nasscom.

India is looking at growing its **digital economy** from \$200 billion (2019) to as much as **\$ 1 trillion by 2025** according to the Ministry of Electronics and IT (MeITY), GOI. While there is tremendous opportunity for growth, there is also a need for upskilling the existing & potential workforce, with targeted programs spanning across host of emerging technologies. Talent has emerged as the new competitive advantage that companies and Nations have to stay ahead in this game as business will flow where talent is available in quantity and quality.

The Skills Gap is already quite huge. India's demand for Digital Talent jobs is 8 times larger than the size of its fresh talent pool, and by FY 2024, this demand will become 20 times larger. The new combination of human skills and automation, will make jobs roles more service oriented, entailing problem-solving, communication, collaboration and critical decision making skills. Composite Skills is the Future.

Recognizing the need, Government of India under the aegis of Ministry of Electronics and IT has joined hands with NASSCOM as a team India effort to make India a global hub for skilled talent on emerging technologies. **NASSCOM FutureSkills PRIME** is a platform (<https://futureskillsprime.in/>) built by the government together with the IT Industry for the people of India. It aims to reskill & upskill around 4 lakh professionals in next three years with an objective to create India's Digital Talent Stack that will propel India into a leadership position in the digital world.

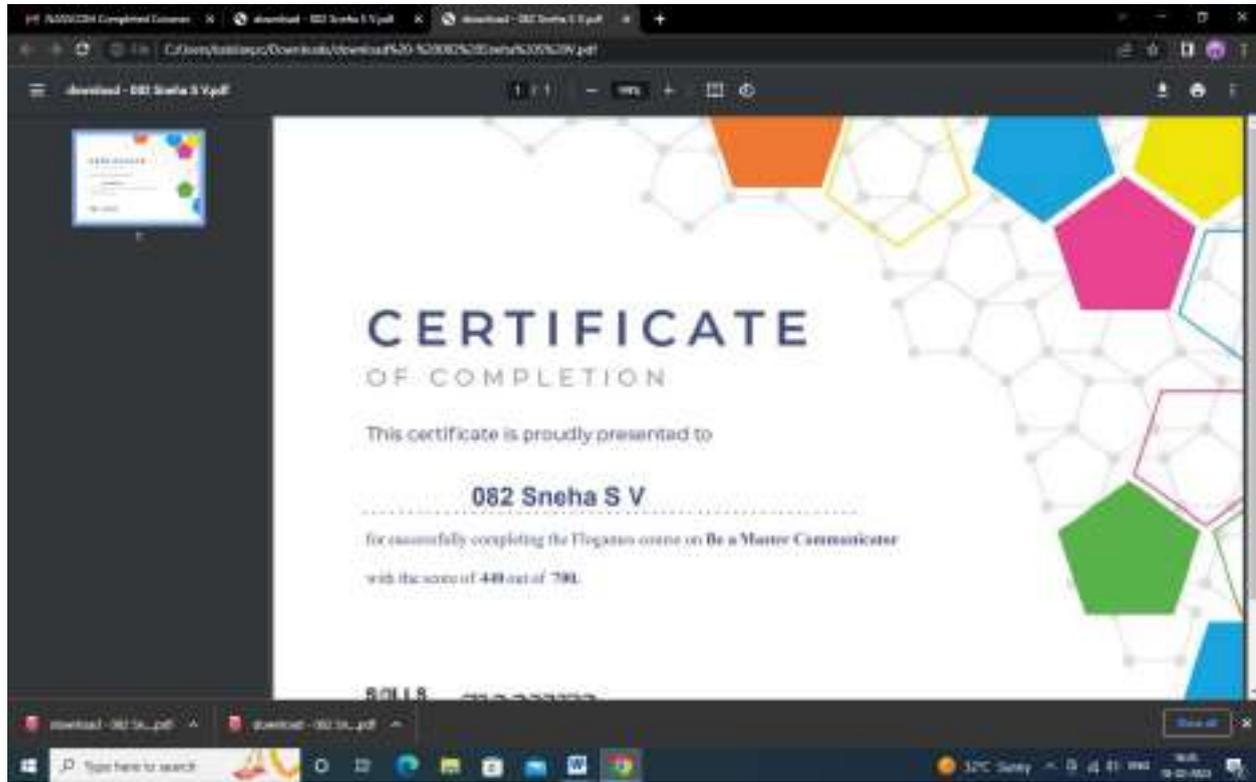
FutureSkills Prime platform is designed as a resource for all the learners to not only develop digital fluency on new-age technologies but also build advanced skills by getting certified on industry defined & SSC NASSCOM validated skills on both emerging technologies and professional skills.

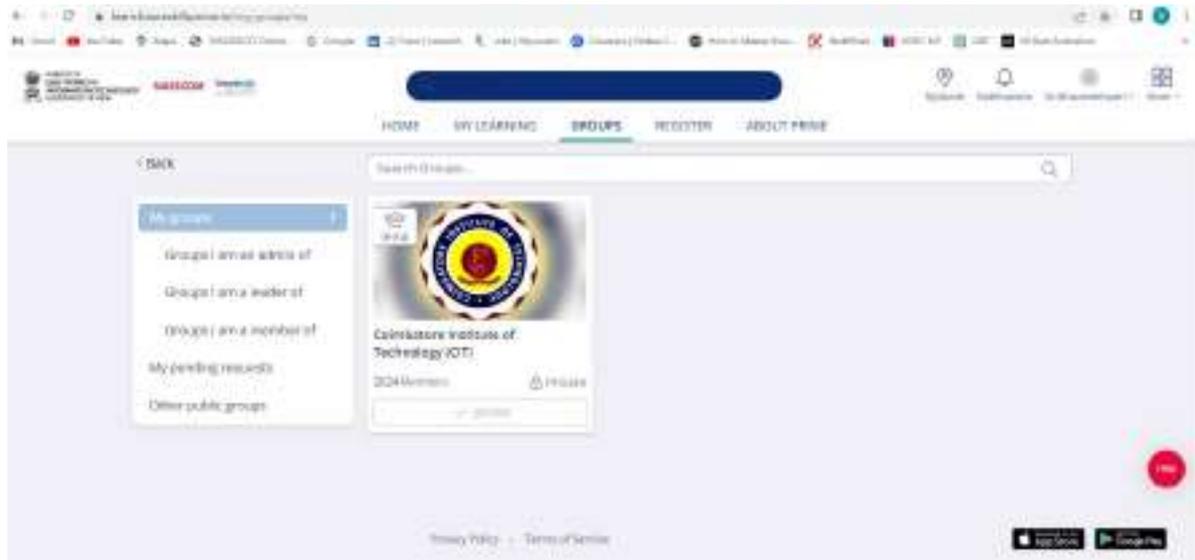


### Collaboration Activities with NASSCOM May 2022

S.No	Department	Name of the course Completed	Total number of students completed & certified
1	BE Civil	Be a Master Communicator	151
		Embracing Change	151
		Project Management Basis	116
		Product Management Foundation	24
		Fundamental of Data Analytics	53
		Cyber security essentials	53
		AWS Cloud master class practioner essential self-passed Accuracy data	53
		Python basis	53
2	BE Mechanical	Be a Master Communicator	103
		Embracing Change	103
		Acquiring data or Project management	103
3	BE (EEE)	Be a Master Communicator	126
		Embracing Change	126
		Project Management Basis	126
4	BE (ECE)	Embracing Change	211
		Be a Master Communicator	204
		Project Management Basis	205
		Basics of Python	108
5	BE (CSE)	Be a Master Communicator	121
		Embracing Change	121
		Project Management Basis	118
6	B Tech IT	Be a Master Communicator	55
		Embracing Change	54
		Project Management Basis	52
7	B Tech Chemical	Be a Master Communicator	47
		Embracing Change	47
		Project Management Basis	47

<https://futureskillsprime.in>





# CERTIFICATE OF COMPLETION

This certificate is proudly presented to

**Karthik Venkatesh T**

for successfully completing the *Flogames* course on *Be a Master Communicator*  
with the score of *634* out of *700*.

**SKILLS  
café**  
BY

**FLOGAMES**



**Memorandum of understanding**

**Between**

**Coimbatore Institute of Technology,  
Coimbatore**

**And**

**Huawei Services (Hong Kong) Co., Limited**

**Dec 1st 2021**

**Agreement NO.: F0U35621000228**



**Party A: Coimbatore Institute of Technology, Coimbatore, India.  
Address: Civil Aerodrome Post Coimbatore 641014 India**

**Party B: Huawei Services (Hong Kong) Co., Limited (hereinafter referred to as "HUAWEI" or "Huawei")  
Address: Room 03, 9th Floor, Tower B, The Gateway, No. 9 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong**

Huawei and Party A are hereinafter individually referred to as the "Party" and collectively, the "Parties".

## **Part I: Cooperation Provisions**

### **• Cooperation background**

In order to respond to the Global digitalization needs, comprehensively promote the collaboration of Academic institutes and enterprises in education, give full play to the advantages of both universities and enterprises, train more high-quality and high-skilled applied talents with good professional knowledge and practical skills for the society, and promote the deepening of educational reform in universities and improve the quality of talent cultivation, based on the principles of resource sharing, complementarity, mutual benefit and common development, both universities and enterprises actively explore the establishment of pluralistic, multi-level and multi-form cooperative relations between universities and enterprises.

### **• Institute Overview**

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting technical and scientific literacy, established Coimbatore Institute of Technology (CIT) in 1956. CIT is one of the most reputed and prestigious educational institutions in South India since 1956. The Institute backed by World Class research and development attained autonomous status in 1987 and is affiliated to the Anna University.

The Institute boasts of strong academic-industrial interaction and a high quality of research and consultancy. CIT, managed by a pedigreed lineage for the past 65 years, enjoys national repute. The Institute has the services of competent qualified faculty, and visionary management to enhance the quality of education at all levels and maintain its position in emerging global scenario.

### **• Company Overview:**



HUAWEI Mobile Services is part of Huawei Consumer Business Group which aims to provide a complete mobile experience to HUAWEI mobile users. The users can enjoy official services such as Mobile Cloud, AppGallery, Videos, and Themes etc. which comes along with EMUI operating system. HMS covers 570 million users in over 170 countries, serving a smart living experience to benefit users. In the era of a fully connected world, HUAWEI will provide a better user experience and fulfilling commitment to bring the world closer together.

Huawei is a leading global provider of information and communications technology (ICT) Infrastructure and smart devices. With integrated solutions across four key domains which are telecom networks, IT, smart devices, and cloud services. Huawei is committed to bringing digital to every person, home and organization for a fully connected, intelligent world.

As one of Huawei's three business groups, Huawei Consumer Business Group is the leader of all-scenario AI life. It covers smartphones, PC and tablets, wearables, mobile broadband devices, family devices and device cloud services. Huawei Consumer Business Group is dedicated to delivering the latest technologies to consumers and sharing the happiness of technological advances with more people around the world.

- **Cooperation Mode and Content**

After friendly negotiation, both parties agree to carry out an online training course/session on Mobile Application Development in the HUAWEI Mobile Services (HMS) ecosystem for the students of the Institute.

- **Objective/Purpose:**

The key objective is to provide a learning and training platform to students of the Institute who are interested, dedicated and passionate to learn and do some innovation in the space of mobile app development using HMS. This training program will provide an opportunity for the students to upgrade their skills and showcase their hidden talent by coming out with innovative and smart mobile apps that can have a significant impact on society, the nation and the entire humanity.

The most active and top performers or Innovators will be recognized under HSD Program and will be rewarded in the form of certificate for their hard and smart work to continue representing the HMS community and conduct regular community activities.



- **Plan of Action/Scope of Work:**

**Tasks and Responsibilities from Huawei side:**

- The **Future of App Industry Webinar** will be conducted by Huawei experts for all students.
- Webinar includes industry insights, developer account registration, HMS capabilities and HMS Foundation course details.
- Webinar will be conducted using **Stream yard and Facebook live**.
- The HMS Foundation course training will be conducted by the HMS expert for the interested students and Lecturers.
- The training duration will be of 5 weeks.
- The programming language will be **Java**
- The course will start from December 2021 and expected to get complete by end of Jan 2022.
- The **Zhumu** will be used to create virtual classes for students with professors.
- The training session will be both theoretical and practical classes including Hands-on experience.
- Exams for students and feedbacks for trainers will be taken to evaluate their performances.
- During the training, students will be encouraged to build sample applications and release applications in **AppGallery**.
- Huawei team will provide end to end support in resolving all technical **queries, doubts, application development and deployment** with respect to HMS.
- After the course completion, Huawei will support all the eligible participants to get the **Certificate**.

**Tasks and Responsibilities from Institute side:**

To circulate the Future of App Industry Webinar information to all the students and makes students to join the student developer Facebook group.

- To encourage all students to register Huawei developer account.
- To facilitate the interested students to join the training sessions with appropriate guidance.



- To appoint Lecturer and support staff as coordinators between Huawei and students.
- Make sure to meet the minimum expectation of 150+ participants for every training session.
- Lecturers to recommend suitable students for Student community organizer Role.
- Lecturers and other support staff members to ensure students complete assigned tasks and bridge the communication gaps.

## Course Structure with Timelines

Topic Area	Week	Content	Con./Time	Total duration (hrs./DAYS)
Android Basics	Week 1	Write your first App, Activities and Lifecycle, Permissions	TBD	2 Hour
		UI Layout, UI Controls Services Broadcast Receiver, Notification Database		
Extend Mobile Services Basics	Week 2	Account Kit Location Kit	TBD	2 Hour
		Map Kit + Tile Kit Video Kit Scan Kit		
	Week 3	Push Kit Ads Kit Health Kit Radio Kit Game Service	TBD	2 Hour
Extend Mobile Services Advanced	Week 4	ML Kit Analytics Kit + Crash MDC Payments Kit Image Kit ARMS + ARMS Solutions	TBD	2 Hour
App Gallery Connect + App Release	Week 5	HMS Toolkit - Cloud Testing HMS Toolkit - Cloud Debugging APK Testing App Release	TBD	2 Hour

## Train the trainer program for HMS foundation course

- 10 Lecturers can join the Foundation course along with Students
- Lecturer need to learn all the topics and develop applications along with students
- If the Application selected is big and complex, Lecturer can lead batch 4-5 students and develop the application
- Lecturers can apply for the program Huawei Academy Lecturer
- Once Lecturer get selected, Lecturers can contribute articles and videos on Huawei developer forum & training portal



- Lecturers also can produce advanced training videos and developer stories/case studies on Huawei training platform

### **Guidelines to be followed:**

- The Institute should coordinate with the students in registering & making them attend the sessions without any difficulties.
- All the students should create their Huawei Id for accessing HMS Kits and other services for building mobile applications and deploying in AppGallery.
- Students who complete the entire course and successfully deploy an application into AppGallery are eligible for a certificate.
- The certificates will clearly highlight the logo of Huawei along with the name of the participant, course title, appropriate seal and signatures in digital format.
- Only soft copies of the Certificate (e-Certificate) to be provided and no hardcopies.
- Top performing students can support in mentoring other students and resolving an initial set of queries.
- The Institute can recommend selective potential students for the role of Huawei student developer organizer, but the final call has to be taken by the HMS team.

### **Future Plans:**

- Based on the successful execution of this training program we can plan for an extension of the training sessions with some advanced tutorials having more and more hands-on sessions.
- Institute can adopt HMS content in Curriculum
- Huawei can provide an opportunity for suitable students to become Huawei Developer Experts and Huawei Community Leaders.

### **Curriculum system construction**

In order to achieve the goal of cultivating practical and complex talents, the curriculum design and adjustment of talent cultivation plan are based on the needs of enterprises and industries. Based on HMS and HarmonyOS technologies, build a flexible curriculum system, integrate the curriculum into the college teaching system, set corresponding credits, and jointly develop teaching plans and talent cultivation solutions that meet enterprise requirements. Explore a teaching model driven by



industry requirements and centered on engineering practices. The curriculum of teaching planning emphasizes the foundation, strengthens practical technology, case teaching and engineering practice

**Feedback Collection Mechanism:**

- An online feedback form will be shared to participants with a list of questionnaires finalized between the HMS team and Institute officials.
- The HMS team will collect the feedback and will share it with Institute officials.
- Based on the feedback from students, the HMS team will fine tune the ongoing sessions and will make necessary changes.

**Terms and Conditions:**

- Huawei will not be responsible for slow internet connectivity or network issues faced by the students during the entire training program.
- Huawei reserves the right with prior notification to make changes in the course structure, course duration, training topics and contents as mentioned above.
- Institute officials needs to provide prior notification to Huawei if postponing any particular training session or changing prefixed time slots.
- Trainers appointed by Huawei can only take the sessions and training materials approved by the HMS team will be used only during training sessions.
- The training timings can be decided based on the mutual discussions between the HMS team and Institute officials.
- All the training materials and training sessions will be provided in English language only.

**Part II: General Provisions**

**1. Legal Effect**

The Parties understand and agree that, except for all clauses of Part II General Provisions specified herein, this MOU only reflects the intent of the Parties and shall not be binding upon the Parties, not intended to create any rights or obligations between the Parties.

**2. Confidentiality**



2.1 Unless otherwise agreed in writing, neither Party shall disclose to any third parties or make public announcements of the mere fact that the Parties (i) are discussing or intend to initiate discussions on the subject matter hereof or the possibilities to enter into any partnership; or (ii) are contemplating to enter into or have entered into or have terminated any partnership.

2.2 All technical and commercial information provided to the receiving Party ("Recipient") by the disclosing Party ("Discloser") during the negotiation, execution and fulfillment of this MOU, including but not limited to the content of this MOU and the existence of this MOU, shall be deemed to be the Confidential Information.

2.3 The Recipient shall keep all the Confidential Information provided by the Discloser secret and confidential and refrain from disclosing such Confidential Information to any third parties in any manner without prior written consent of the Discloser. The Recipient shall use the Confidential Information only for the purpose of performance of this MOU and shall use reasonable care to protect such Confidential Information.

### 3. No Rights Granted

Nothing in this MOU shall be construed as one Party granting any expressed or implied rights or license under any patent, copyright or other its intellectual property rights to the other Party.

### 4. Term and Termination

4.1 This MOU shall become effective upon the day and date last signed and executed by the duly authorized representatives of the Parties and remain in force for a period of Three years.

4.2 One Party shall have the right to immediately terminate this MOU upon written notice to the other Party in any of the following events:

(a) The other Party is in material breach of this MOU and fails to remedy the breach within thirty (30) days of written notice complaining thereof from the terminating party; or



(b) The other Party becomes insolvent or becomes subject to bankruptcy or reorganization or similar procedures for the relief of debtors, or makes a general assignment for the benefit of debtors, or any application therefore; or

(c) The other Party decides to sell or transfer business concerning this MOU without the prior written consent from the terminating party; or

(d) The other Party decides to dissolve or be liquidated; or

(e) The other Party is subject to any substantial change of ownership, including due to any takeover or merger with another company.

4.3 Upon the termination of this MOU, one Party shall promptly return to the other Party all the Confidential Information and copies received from the other Party.

4.4 All clauses of Part II General Provisions shall survive any termination of this MOU.

## 5. Governing Law and Dispute Resolution

5.1 This MOU shall be construed in accordance with and governed by the laws of Hong Kong, without giving effect to principles of conflicts of law.

5.2 All disputes arising under the terms of this MOU shall be settled amicably through negotiations between the Parties firstly. In the event such disputes cannot be settled amicably through negotiations within a 30-day period, they shall be submitted to the Hong Kong Courts.

## 6. No Warranty

All information and materials provided by Huawei to Party A hereunder shall be provided "AS IS" without warranty of any kind, and Party A understands and agrees that Huawei shall not be liable for any loss whatsoever arising from or relating to Party A's use or inability to use such information or materials

## 7. Miscellaneous



7.1 Either party shall bear its own cost and expenses which may be incurred in the fulfillment of this MOU.

7.2 All headings used in this MOU are inserted for convenience only and shall not affect the meaning or interpretation of any portion of this MOU.

7.3 This MOU constitutes the entire agreement between the Parties with respect to the subject matter hereof and supersedes all prior agreements and negotiations relating thereto. This MOU may not be amended except with the prior written consent of both Parties.

7.4 Neither Party shall assign any of its rights and obligations under this MOU without the prior written consent of the other Party.

7.5 This MOU is executed in duplicate, one for Huawei and the other for Party A. Each copy shall have the same legal force.

Party A: Coimbatore Institute of Technology, Coimbatore (Stamp)

Signature:   
Name: *Dr. A. RAJESNARI*  
Designation: *Principal In-charge*  
Date: *22.12.2021*



Party B: Huawei Services (Hong Kong) Co., Limited (Stamp)

Signature:   
Name: *Wang Zhi hui*  
Designation:  
Date: *29.12.2021*





**Memorandum of understanding  
Between  
Coimbatore Institute of Technology, Coimbatore  
And  
Huawei Services (Hong Kong) Co., Limited**

**11/2021**

**Party A: Coimbatore Institute of Technology, Coimbatore, India.**

**Party B: Huawei Services (Hong Kong) Co., Limited (hereinafter referred to as "HUAWEI" or "Huawei")**

**Address: Room 03, 9th Floor, Tower 6, The Gateway, No. 9 Canton Road, Tsim Sha Tsui, Kowloon, Hong Kong**

**Activities Conducted:**

S.No.	Activity	Date		Resource person	No. of participants
1.	webinar on "The Future of App Industry"	<b>10.11.2021 @2.00PM</b>		Mr. V. Murali Huawei Technologies India Pvt. Ltd  Dr. Sriram K Vasudevan, Principal Consultant, Huawei Technologies India Pvt. Ltd	400
2.	Foundation course on Mobile App Development	<b>Batch-1</b> Session1: 3rd December 2021 - 3.30 PM to	<b>Batch-2</b> Session:1 8/12/2021 - 4.30 PM	Mr.Nithin Ms. Nithya Huawei Technologies India Pvt. Ltd	<b>Batch-1: Faculties-27 Students:377</b>

		5.30 PM  Session2: 10th December 2021 - 3.30 PM to 5.30 PM  Session3: 17th December 2021 - 3.30 PM to 5.30 PM  Session4: 24th December 2021 - 3.30 PM to 5.30 PM  Session5: 7th Jan 2022 - 3.30 PM to 5.30 PM	Session:2 15/12/2021 – 4.30 PM  Session:3 22/12/2021 – 4.30 PM  Session:4 29/12/2021 – 4.30 PM  Session:5 5/1/2022 – 4.30 PM	<b>Batch-II: Students:325</b>
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## Huawei:

- Spread over 170+ countries
- 1 Billion+ devices
- 2 Million+ registered developers
- 261 Billion+ APP downloads
- DL, ML, AI based App development
- Protecting user privacy and security with global certification

### **Key features- ACADEMIC COLLABORATION**

#### **For Students**

- Foundation training from Huawei
- Huawei Application Developer Registration and App Submission at free of cost.  
(Over 60+ kits and 12891 API in Huawei Gallery open for App development)

## **Step by Step Execution Plan for Huawei Mobile Services Foundation course**

### **1. Webinar**

App development trending

### **2. 5 Weeks HMS Foundation Course**

- Instructor led Online/offline Training for students and Professors
- 1.5 hrs/day
- Focus on Practical Application Development and Publishing
- Covering
  - Android Basics
  - Sample code and Assignments provided for Practice.
- Free Content Library –Training Videos, Articles, Codelabs, Sample Applications.

### **3. Exam, Certification & App Publish**

### **4. Huawei Student Developer Group- top performing students.**

### **5. Students can emulate their App as their own, emulator at the cloud**

## **Benefits of HMS Foundation Course**

- Developer ID Creation and Apps Publishing in App Gallery is Free.
- Publish articles and videos on Huawei Developer Forum and Training Platform
- Industry readiness and can take up jobs in app development companies
- Learn Advanced skill from industry Professionals
- Profile building & networking within community

## **For Faculties**

- Teachers can learn mobile app development and gain industry experience.
- College or university can adopt mobile app development as elective subject.
- Trained teachers can teach the subsequent batches of students.
- Students can take exam and get certificate from Huawei Academy website
- Teachers have access to training material which they can utilize in teaching students
- Teachers can customize or produce new videos or courses
- Expert Teachers can join on Huawei Academy Portal.
- Videos and course can be published by teachers on Huawei Training Portal
- Teachers can publish technical courses on Java, Python, ML to Huawei Training Portal.
- Paid courses published on Huawei portal can give 50% revenue share to teachers.

Detailed report:

## **The Future of Mobile App Industry-HUAWEI Online Webinar on 10.11.2021 @2.00PM**

Coimbatore Institute of Technology in collaboration with Huawei organized a webinar on 'The Future of Mobile App Industry' on November 10<sup>th</sup>, 2021, as a part of Huawei's Free Mobile App Development Training initiative. The webinar was premiered on Facebook Live for the registered participants of the training program and more than 400 students joined live in Facebook.

Dr. Sriram K Vasudevan, Principal Consultant, Huawei Technologies India Pvt. Ltd., Bengaluru inaugurated the webinar as a host and informed the participants about the agenda of the webinar. Mr. V. Murali, Associate Vice-President, and Huawei also informed how Huawei resources would help participants to get started with the app development journey. Dr.A.Rajeswari, Principal, CIT addressed the participants and addressed the participants and talked about the importance of mobile app development and the future of mobile industry according to recent trends. Later Dr.M.Poongothai, Associate professor, Department of ECE highlighted numerous advantages that students would get from this Huawei-CIT collaboration and thanked Dr. Sriram K Vasudevan & Mr. V. Murali for the excellent support provided for organizing and hosting the webinar.

Afterwards, Mr. Murali V, Associate Vice President, Huawei Technologies India Pvt. Ltd., continued the webinar discussing the footprint of Huawei worldwide and its future strategies. The webinar covered the following topics in three parts:

Part 1: App Industry Insights, HMS Ecosystem, Apps Up Contest

Part 2: Creation of Huawei ID (Step-by-step)

Part 3: HMS Core capabilities & Foundation course

In part 1, Mr. V. Murali gave an elaborated presentation on Huawei Mobile System, the App Industry, and Huawei's contribution to the industry. He also mentioned how aggressively the industry is growing and how they are trying to support students who want to get into the industry. Mr. V. Murali introduced the participants to the diverse Huawei developer community as well.

Dr. Sriram K Vasudevan, Principal Consultant, Huawei Technologies India Pvt. Ltd continued with part 2 &3 and showed participants how to create Huawei ID step by step. He also mentioned the advantages participants would get by signing up for this. Also he talked about Huawei App Gallery and how easily a developer can publish their app on the platform as an alternative to other platforms like Google Play and App Store. He then elaborated the procedure of publishing an app on the Huawei App Gallery and earning revenues from it. He also took some time to talk about the foundation training Huawei offering for free to those who are interested to develop apps for Huawei App Gallery. He also gave a detailed demonstration on different kits and APIs developers can get help from under their initiative.

The webinar was an introduction to a five-week-long training program on Mobile App Development with the support of Huawei. The participants were given guidelines and the necessary information to get ready for the training and start their journey in the mobile app development.

# THE FUTURE OF MOBILE APP INDUSTRY

Anna University  
HUAWEI

10<sup>th</sup> November 2021  
2.00 PM Onwards

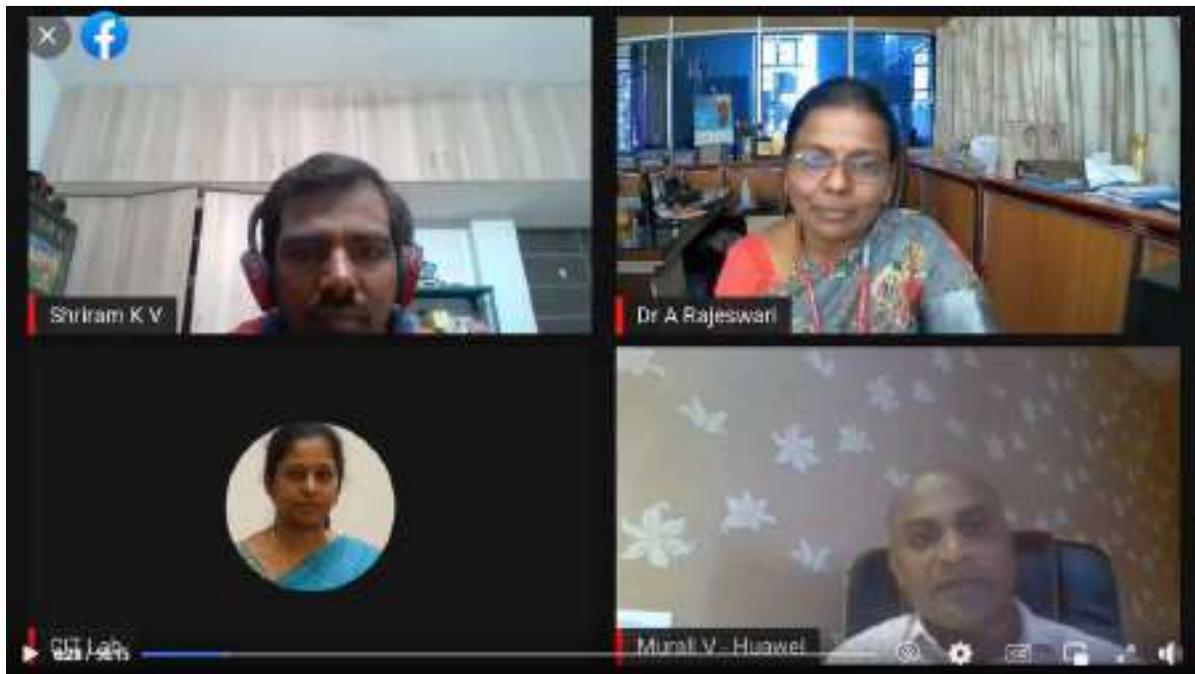
AppGallery Connect  
HMS CORE  
EMUI

Dr A Rajeswari  
Murali V - Huawei  
CIT Lab

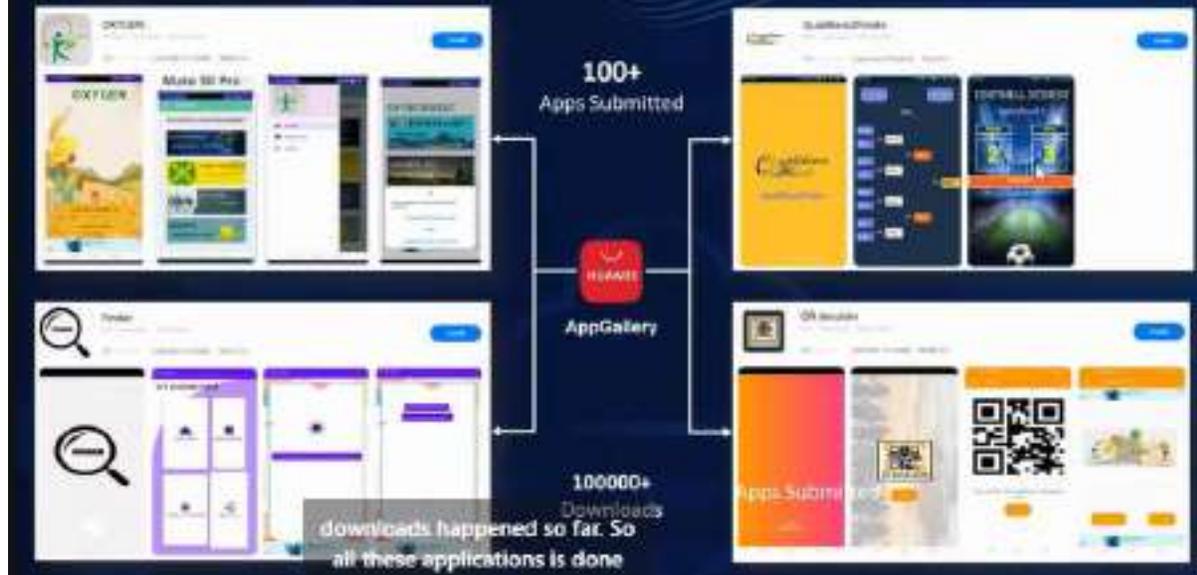
The slide features a central illustration of four stylized people (two men and two women) in a collaborative setting. The man on the left is holding a pen, and the woman next to him is pointing upwards. The man on the right is holding a tablet. The woman next to him is also pointing upwards. The background of the slide is white with various icons related to mobile app development, such as a smartphone, a gear, a code symbol, and a puzzle piece. The logos of Anna University and Huawei are prominently displayed on the right side of the slide. The date and time of the event are also clearly stated.

Shriram K V  
Dr A Rajeswari  
CIT Lab  
Murali V - Huawei

This block shows a 2x2 grid of Zoom meeting participants. Each participant is shown in a separate video window. The top-left window shows a man wearing glasses and a headset, identified as Shriram K V. The top-right window shows a woman wearing glasses and a colorful patterned top, identified as Dr A Rajeswari. The bottom-left window shows a woman wearing glasses and a red top, identified as CIT Lab. The bottom-right window shows a man wearing a white shirt, identified as Murali V - Huawei. The background of each window varies, showing different office or home environments.



## App Published by Students



## HMS Core and AppGallery create a new alternative



- Both HMS Core and GMS Core are based on Android Operating System
- Development language Java is more popular among Android Application Developers and having good community support.
- Foundation training from Huawei can also be used for App Development for Google Play store.
- Huawei Developer Registration and App Submission is free.

## Step by Step Execution Plan

01

### Webinar

To invite all the students of the university irrespective of their stream & year

02

### 5 Weeks HMS Foundation Course

Interested students can register themselves & attend the course

03

### Exam, Certification & App Publish

For getting certificate one needs to clear the exam & publish a self developed mobile application on AppGallery

04

### Huawei Student Developer Group

The top performing trainees can apply for this community role & to get benefited by enormous opportunities from Huawei for their career growth.



Ministry of Micro, Small and Medium Enterprises,  
Government of India



# CAMPUS TO CORPORATE PROGRAM

## PLAN OF ACTION

2021-2022

To be signed between FACILITATION CENTRE and MSME-TDC



### Declaration

The plan of action is an expression of aligned will between the parties in enabling the graduates of Coimbatore Institute of Technology with problem solving and decision-making capabilities through Lean Six Sigma Training programs and by strengthening the Industry-Academia Interactions.

### Signatures

For and on behalf of Facilitation Centre

Signature:

PRINCIPAL - I/c

COIMBATORE INSTITUTE OF TECHNOLOGY

COIMBATORE - 641 014.

Name:

Dr.A.Rajeswari

Designation:

Principal In-Charge

Date:

02.11.2021

Office seal:



For and on behalf of MSME-TDC

Signature:

Name:

A. KOLANJIVEL B.Tech.,MBA

Designation:

Deputy Director

Date:

MSME-Technology Development Centre  
(CFTI-Govt. of India Autonomous bodies)  
65/1, GST Road, Grindy Chennai - 32.

Office seal:



STUDENT TRAINING, CORPORATE TRAINING, RESEARCH & CONSULTING, INCUBATION

# Memorandum of Understanding

Between



COIMBATORE INSTITUTE OF TECHNOLOGY

Coimbatore – 641 014,

Tamilnadu, India

And



QUINTESSENCE BUSINESS SOLUTIONS AND SERVICES (QBSS)

Chennai – 600113

Tamilnadu, India

12<sup>th</sup> April , 2021

Monday



தமிழ்நாடு தமில்நாடு TAMIL NADU

85AB 818434

03.03.2021

Principal  
Coimbatore Institute  
of Technology, CBE

O. RAVEENDRAN  
STAMP VENDOR  
E.No: 10627 (2017-20)  
SIN: 10627  
Tamil Nadu



This Memorandum of Understanding (MOU) is executed on 12<sup>th</sup> April, 2021.

Between

Quintessence Business Solutions and Services (QBSS) which is a Non – government company and is registered at Registrar of Companies, Chennai and it is involved in offering reimbursement-linked, technology-enabled, outcome-based, meaningful engagements to Medical Billing companies (hereinafter referred to as QBSS)

and

Coimbatore Institute of Technology which is a reputed institution and which offers many Engineering programmes in various disciplines (hereinafter referred to as CIT Coimbatore)

## **PREAMBLE**

WHEREAS, QBSS is engaged Advanced technology leadership status attained using the latest techniques in ML, robotic process automation and AI, provide our customers with service level quality and price points that challenge boundaries.

WHEREAS, CIT Coimbatore, which is a reputed institution and offers many Engineering programmes in various disciplines and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in technology by undertaking various research and consultancy activities.

WHEREAS, both QBSS and CIT Coimbatore, now,

Recognizing the importance of research and development in the areas of Artificial intelligence ,Machine learning and applied Mathematics.

Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to data science and coding theory and other areas of science and technology.

Desiring to enhance their efforts by joining their expertise and resources.

INTEND to form a Synergistic Framework for promoting development and growth of excellent quality manpower in the fields of Engineering, Technology and Science with a focus on applied Mathematics and other branches of Engineering and Technology. Now, THEREFORE in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both QBSS and CIT Coimbatore hereby acknowledge, QBSS and CIT Coimbatore hereby agree as under:

## **ARTICLE –I: SCOPE OF THE MoU**

This MoU details the modalities and general conditions regarding collaboration between QBSS and CIT Coimbatore for enhancing, within the country, the availability of highly qualified manpower in the area of applied Mathematics as well as the other branches of Engineering and Technology departments without any prejudice to prevailing rules and regulations in QBSS and CIT Coimbatore and without any disregard to any mechanism evolved and approved by the competent authorities under Govt. of India/ State

Government of Tamilnadu in so far as such mechanism applies to QBSS and/ or CIT Coimbatore. The areas of cooperation can be extended through mutual consent.

## **ARTICLE – II: SCOPE OF ACADEMIC INTERACTION**

QBSS and CIT Coimbatore shall encourage interaction between the QBSS Engineers and CIT Coimbatore faculty members and students through the following arrangements.

- A. Guidance of student's projects/ thesis in QBSS in the area of building science and technology of national interest on mutually agreeable terms as listed below:
- i) A Consultant / R&D Engineer at QBSS may be appointed a Research Co-Guide for a student Registered for Ph. D. degree at CIT.
  - ii) The students will carry out their PhD research work/ or project at QBSS under the guidance of Engineers of QBSS.
  - iii) There will be no restrictions on the contents of the thesis and on publications of results of the thesis, subject to the condition that Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
  - iv) QBSS will be free to independently carry out follow-up research on the thesis work conducted under this scheme.
  - v) 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 country the same will not be allowed for publication/printing in any form such as Electronically/ verbal etc. If the outcome of a project results into an Intellectual Property, for which rights can be secured, it will be decided on case to case basis. Similarly, sharing of expenditure in securing such rights and income accrued through royalty etc. by the parties under the law will be decided on case to case basis after mutual consultation.

- vi) Joint guidance of student projects / theses in Artificial intelligence ,Machine learning and applied mathematics and other areas of mutual interest at CIT Coimbatore by QBSS Scientists and faculty of CIT Coimbatore as per rules and regulations of both institutes.
  - b) Organization of joint Conferences and Seminar.
  - c) Practical training of CIT Coimbatore students at QBSS and vice-versa.
  - d) Participation of QBSS Experts in CIT Coimbatore programmes and events as well as participation of Faculty and Students of CIT Coimbatore to participate in research programmes and events of QBSS, based on mutual agreement and approvals of both organizations as appropriate.
  - e) Initiation of collaborative research and submission of joint project proposals by QBSS and CIT Coimbatore to external funding.
  - f) QBSS shall be allowed permission to conduct campus interviews and recruit selected students of CIT Coimbatore for employment.

### **ARTICLE – III: SHARING OF FACILITIES**

- a) QBSS and CIT Coimbatore shall make provisions to share their respective R&D facilities in order to promote academic and research interaction in the areas of cooperation subject to approvals and availability.
- b) QBSS and CIT Coimbatore shall permit the exchange of software and other materials and components developed in-house in the areas of cooperation, if permissible, within the rules governing the two institutions.
- c) QBSS and CIT Coimbatore shall provide access to the library and extend inter-library loan facilities to scientists of QBSS, members of faculty and students of CIT Coimbatore as per the prevailing rules and norms in the respective institutes.
- d) QBSS and CIT Coimbatore shall permit access to library collection through E-library in which the users enjoy the euphoria of being in distance and still access library collection with the use of internet network.
- e) CIT students/ Faculty shall be responsible for the Visa, travel and accommodation costs for availing the QBSS oversee facilities.

#### **ARTICLE – IV: EFFECTIVE DATE AND DURATION OF MoU**

- a) This MoU shall be effective from the date of its approval by competent authorities at both ends.
- b) The duration of the MoU shall be for a period of 5 years from the effective date and may be extended further on mutual agreement.
- c) During its tenancy the MoU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MoU will not in any manner affect the interests of the students who have been admitted to pursue a programme under the MoU, or progress of any ongoing mutual activity that has been initiated formally with approval of both sides.
- d) Any clause or article of the MoU may be modified or amended by mutual agreement of QBSS and CIT Coimbatore.

#### **ARTICLE – V: IPR**

Rights regarding publications, patents, royalty, ownership of software/ design/ product developed etc. under the scope of this MoU shall be decided by the two parties by mutual consent.

#### **ARTICLE – VI: ARBITRATION**

Any dispute arising out of this MoU will be resolved amicably by mutual consultation. If such resolution is not possible then the unresolved dispute will be referred jointly to Director, QBSS and Principal, CIT Coimbatore. The outcome of the joint decisions of the Director/ Principal shall be binding upon both the parties.

#### **ARTICLE – VII: CONFIDENTIALITY**

During the tenure of the MoU information to be shared must be indicated as "confidential" or "non-confidential". Both QBSS and CIT Coimbatore will maintain confidentiality and prevent disclosure of all the information designated as "confidential" except by mutual agreement.

**Dr.R.Prabakaran , Assistant Professor of Mathematics ,Coimbatore institute of Technology** will be acting as a **coordinator** for this memorandum of understanding .

IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.

  
Dr. V. Selladurai  
Principal  
Coimbatore Institute of Technology,  
Coimbatore-14, Tamilnadu, India

Date : 12/04/2021

**Witness 1 :**

  
Dr. N. Nagaveni  
Professor & Head,  
Department of Mathematics  
Coimbatore Institute of Technology

**Witness 2 :**

  
Dr. B. Gokila  
Associate Professor,  
Department of Mathematics  
Coimbatore Institute of Technology

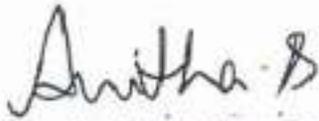
**Witness 3 :**

  
Dr. R. Prabakaran  
Assistant Professor  
Department of Mathematics  
Coimbatore Institute of Technology

  
Nirmal Rajachandran  
Chief executive officer, Quintessence  
Business Solutions And Services  
Chennai -13, Tamilnadu, India

Date : 12/04/2021

**Witness 1 :**

  
Mrs. Anitha Balasubramanian  
Director, QBSS

**Witness 2:**

  
Mr. Vijayakumar Subburaj  
Vice President, QBSS

**Witness 3 :**

  
Mr. Nandha Kumar  
Vice President, QBSS





● ○ REDMI NOTE 6 PRO  
MI DUAL CAMERA



# **MEMORANDUM OF UNDERSTANDING**

**BETWEEN**



**COIMBATORE INSTITUTE OF TECHNOLOGY,  
COIMBATORE,  
TAMILNADU**

**AND**



**South Asia**

**TÜV SÜD SOUTH ASIA PVT. LTD.**

**(INCORPORATED UNDER THE COMPANIES ACT, 1956)**

## MEMORANDUM OF UNDERSTANDING

Coimbatore Institute of Technology, Coimbatore, Tamilnadu 641014

and

TÜV SÜD South Asia Pvt. Ltd., Solitaire, 4th Floor, ITI Road, Aundh, Pune, Maharashtra 411007

COIMBATORE INSTITUTE OF TECHNOLOGY (CIT), established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore – 641014,

Coimbatore Institute of Technology, Coimbatore, Tamilnadu, founded by Sri. V. Rangasamy Naidu is reckoned for its academic and research excellence in engineering and technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University Chennai. The Institute has a reputation with service of competent well qualified faculty members and dynamic management to set highest standards in engineering research and development.

TÜV SÜD South Asia was established as TÜV Bayern India, a branch office of TÜV Qualitäts Management GmbH, in 1995. In 1999, it became a wholly owned subsidiary of TÜV SÜD Group, Germany.

Today, TÜV SÜD South Asia is the leading certification, testing, auditing, inspection and training company with a strong presence in India, Bangladesh and Sri Lanka. TÜV SÜD South Asia has an extensive network of over 33 offices including 14 labs across the three countries. The company caters to a client base of over 10,000 companies across a wide range of sectors that include automotive, plant engineering, environmental technology, information technology, food safety, textile & leather, health care, infrastructure consultancy and technical as well as non-technical skill development training

TÜV SÜD's team of specialists, partner with clients to enhance their competitive strengths. Key objectives at TÜV SÜD are to provide customers with solutions based on reliability, safety, quality, environmental protection as well as cost effectiveness.

We understand the importance of impartiality and neutrality in carrying out our activities. Our management pays utmost heed to conflict of interest and ensures objectivity in all the activities that include management system certification, testing, inspection, auditing, training and personal certification and products, processes & services certification

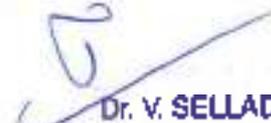
Coimbatore Institute of Technology, Coimbatore, Tamilnadu and TÜV SÜD South Asia Pvt Ltd have now intend to further pursue into areas of collaboration and cooperation between themselves which will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

Both, Coimbatore Institute of Technology, Coimbatore, Tamilnadu and TÜV SÜD SOUTH ASIA PVT LTD are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the institution and its related wings.

**Coimbatore Institute of Technology, Coimbatore, Tamilnadu and TÜV SÜD SOUTH ASIA PVT LTD plan to cooperate in the following areas:**

1. The budding graduates from the institution could play a key role in technological up-gradation, innovation and competitiveness of an industry. Coimbatore Institute of Technology, Coimbatore, Tamilnadu and TÜV SÜD SOUTH ASIA PVT LTD believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
2. TÜV SÜD SOUTH ASIA PVT LTD will give valuable inputs to Coimbatore Institute of Technology, Coimbatore, Tamilnadu in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
3. Industry and Institution interaction will give an insight in to the latest developments / requirements of the industries; TÜV SÜD SOUTH ASIA PVT LTD to permit the Faculty and Students of Coimbatore Institute of Technology, Coimbatore, Tamilnadu to visit its group companies and also involve in Industrial Training Programs for Coimbatore Institute of Technology, Coimbatore, Tamilnadu. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. TÜV SÜD SOUTH ASIA PVT LTD will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with Coimbatore Institute of Technology, Coimbatore, Tamilnadu.
4. Coimbatore Institute of Technology, Coimbatore, Tamilnadu and TÜV SÜD SOUTH ASIA PVT LTD to cooperate in the area of Skill Based Training, Education and Research.
5. **Skill Development Programs:** TÜV SÜD SOUTH ASIA PVT LTD to train the students of Coimbatore Institute of Technology, Coimbatore, Tamilnadu on the emerging technologies in order to bridge the skill gap and make them industry ready.
6. **Guest Lectures:** TÜV SÜD SOUTH ASIA PVT LTD to extend the necessary support to deliver guest lectures to the students of Coimbatore Institute of Technology, Coimbatore, Tamilnadu on the technology trends and in house requirements.
7. **Faculty Development Programs:** TÜV SÜD SOUTH ASIA PVT LTD to train the Faculty of Coimbatore Institute of Technology, Coimbatore, Tamilnadu for imparting training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
8. There is no financial commitment on the part of Coimbatore Institute of Technology, Coimbatore, Tamilnadu. If there is any financial consideration, it will be dealt separately attached annexure for the particular project.
9. This understanding will be valid for a period of 5 (five) years from the date of signing this document.

**For Coimbatore Institute of Technology, Coimbatore**

  
(Signature) **Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FIE., FIE., FPE, FORSI**  
**PRINCIPAL**  
Name: **COIMBATORE INSTITUTE OF TECHNOLOGY**  
Designation: **COIMBATORE - 641 014, INDIA**  
Date: 17<sup>th</sup> March 2021



**For TÜV SÜD South Asia Pvt Ltd, Pune**

  
(Signature)   
Name : Ms. Dipti Dubal  
Designation: General Manager  
Date: 17<sup>th</sup> March 2021

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமில்நாடு TAMIL NADU

21.2.2020

The Principal CIT

CBE-14

T. Kavitha

T. KAVITHA  
STAMP VENDOR

78AB 016014

MEMORANDUM OF UNDERSTANDING  
BETWEEN  
COIMBATORE INSTITUTE OF TECHNOLOGY  
AND  
M/s Forum Constructions & Services, Coimbatore

#### Preamble

THIS MEMORANDUM OF UNDERSTANDING hereinafter called MoU is arrived between Coimbatore Institute of Technology, Avinashi Rd, Civil Aerodrome Post, Peelamedu, Coimbatore, Tamil Nadu 641014 Tamil Nadu, India, hereinafter referred to as CIT and M/s Forum Constructions & Services, Coimbatore. This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and M/s Forum Constructions & Services through co-operation in the fields of Training, Testing, Conferences and Consultancy Services on the basis of equality and mutual benefits.

#### 1.0 Justification

Recently there has lot of innovation, in terms of new products or alternate to bricks being developed globally in the research institutions. Markets also witness various new products in the cement and also some advancement in the bricks manufacturing process. Exposure of the manufacturing process for research students, faculty and under or post graduate students will help them to gain the actual practical and manufacturing process knowledge. And also the institute experts knowledge, research facilities will also help the industry to resolve some practical problems. In addition to this, conducting workshop through this collaboration, will also help the practitioners or field engineers to enhance their skill.

## 2.0 Objectives

- To provide training to faculty and students of Coimbatore Institute of Technology, on concreting.
- To provide exposure on construction methods through visits and training.
- To provide access to M/s Forum Constructions & Services to utilize the Coimbatore Institute of Technology lab facility for testing of concrete.
- To support M/s Forum Constructions & Services to organise any seminar or workshop for their engineers or field engineers with support of M/s Forum Constructions & Services and Coimbatore Institute of Technology faculties.
- To support student projects in terms of guidance, resource usage and help them to choose more practical related topics.

## 3.0 Role of collaborating parties

- The parties will support co-operation in the fields of Training, Testing, and Consultancy on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.

### 3.1 Coimbatore Institute of Technology

- To propose the training module to be considered for training the faculties and students
- To suggest the team of students interested in taking projects in concrete and new materials for construction.
- To provide access to facilities in institute to conduct workshop or seminar for field engineers.
- To offer testing and consultancy services to M/s Forum Constructions & Services, at mutually agreed terms
- To involve M/s Forum Constructions & Services experts in research projects as external examiner or co-guide for any Master's and Doctorate research projects.

### 3.2 M/s Forum Constructions & Services

- To arrange industry visits for Coimbatore Institute of Technology faculties and students and extend the training on basic construction methods.
- To provide internship to students at project site.
- To involve in programmes and projects of mutual benefit, that shall include visits and exchange of experts of technical personnel.
- To participate in conferences, symposia, courses, workshops, exhibitions and other joint meetings of mutual interest.
- To participate in joint training /education programme to raise the level of competency of industry personnel.
- To appoint prospective students of Civil Engineering after the completion of their studies.



For FORUM CONSTRUCTIONS & SERVICES  
N. S. Prasad  
Proprietor

#### 4.0 Terms of Reference

##### 4.1 Finance

The activities which are not stated in this MOU shall be chargeable based on mutually agreed terms and conditions by both the parties. Both the parties shall not have any obligation or commitments to either of the parties.

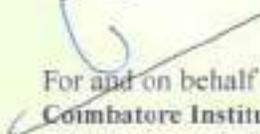
##### 4.2 Co-ordinating and Monitoring

- A co-ordinating committee will be constituted with one representative each from Coimbatore Institute of Technology and M/s Forum Constructions & Services for implementing the activities.
- An annual review meeting will be arranged by the Co-ordinator of Coimbatore Institute of Technology inviting the executives from M/s Forum Constructions & Services and review the progress of the collaborative activities.

##### 4.3 Validity

- This MOU will be valid for 3 years from the date of execution of this MOU.
- However, if both the parties agree to terminate this MOU, with one month notice, the same can be legally terminated.
- The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

Signed at Coimbatore on 17/3/2021

  
For and on behalf of  
Coimbatore Institute of Technology

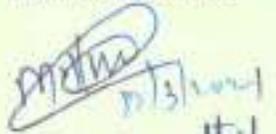
For and on behalf of  
M/s Forum Constructions & Services  
For FORUM CONSTRUCTIONS & SERVICES

  
Proprietor

V. G. U.  
17/3/2021

Witness:

Head of the Department  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Avinashi Rd, Civil Aerodrome Post,  
Peelamedu, Coimbatore,  
Tamil Nadu 641014

  
17/3/2021  
D. M. K. Ananth  
Asst Prof in Civil Engg Dept  
CET.

From  
Dr.M.Kaarthik  
Assistant Professor,  
Department of Civil Engineering,  
Coimbatore Institute of Technology,  
Coimbatore - 641014

<b>C. I. T</b>	
S. No.....	24
Recd on.....	19 APR 2022
Attn.....	
Reply due.....	
Replied on.....	
File.....	

To Association Alc  
Rajm

To  
The Principal  
Coimbatore Institute of Technology,  
Coimbatore - 14.

Through: The Head of Department, Civil Engineering

Respected Madam

Sub : Remuneration for Industrial expert - one credit course -V Semester B.E Civil Engg Students - Reg.

The III-Semester B.E Civil Engineering Students has undergone one credit course titled **19CEOC03 - Certification and Career Road Map in Civil Engineering**, during the period October 23, 2021 to November 27, 2021 and the detailed schedule is attached with this letter. The subject was handled by Er.N Arunachalamr, Director, **FORUM Construction and Services, Coimbatore**. As per the guidelines of one credit course I request you to sanction remuneration amount Rs.15000 to the same. The account detail is attached with this letter.

Thanking you

Yours truly

Date: 19/04/22

Place: Coimbatore - 14

Forwarded to  
The Principal  
V. G. V  
19/04/2022

**Report on**  
**One credit Course**  
**Titled**  
**19CEOC03 Certification and Career Road Map in Civil Engineering**

Department of Civil engineering, Coimbatore Institute of Technology, Coimbatore, conducted 1-credit course titled Certification and Career Road Map in Civil Engineering for the V - Semester B.E Civil Engineering Students.

Er.N.Arunachalamr, Director, FORUM Construction and Services, Coimbatore and his team conducted the classes through offline mode and the detailed schedule is attached.

He explained what are the basic needs, roles and responsibilities for DTCP, CMDA, LPA, Local bodies etc. Then the roles and responsibilities of the officials involved in scrutiny and sanctioning of approvals.

He also explain about the different classification in approval like Residential - Group Housing / Villas, Apartments, Commercial buildings include office buildings, warehouses, and retail buildings, Industrial & Institutional - Factories and other premises used for manufacturing, altering, repairing, Schools & Colleges or any other educational Institutions

The team explained about the fees process for the different types of buildings, Gift deed of the land to the government, UGD fees, Encroachment, Subdivision and Reconstitution of lands, Demolition process and its fees etc.

The team also explained about the DTCP approval process in Chennai and other important Metro cities. Then the process involved in Local Planning authorities, roles and responsibilities of the officials in LPA.

Finally concluded with the submission of online approval process through EDCR with detailed documentation and specifications.

  
6/1/23  
**Dr. M. KAARTHIC M.E., Ph.D**  
Assistant Professor  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014

V.G.U  
09/01/2023  
**H.O.D., (CIVIL)**  
C.I.T, Coimbatore - 14

**सेंट्रल इंस्टिट्यूट ऑफ़ पेट्रोकेमिकल्स  
इंजीनियरिंग एंड टेक्नोलॉजी (सिपेट)**

रसायन एवं पेट्रो रसायन विभाग  
रसायन एवं उर्वरक मंत्रालय, भारत सरकार  
असाप सि एस पी, किन्फा आई आई पी  
मंगलम पी.ओ. लक्किडी कुटुपथा  
पालक्काड, केरल-679301

फोन: 0466 2967187

ई-मेल: cipetpalakkad@gmail.com, palakkad@cipet.gov.in

वेबसाइट: www.cipet.gov.in

मुख्यालय, गीणडी, चेन्नै - 600 032



**CENTRAL INSTITUTE OF  
PETROCHEMICALS ENGINEERING &  
TECHNOLOGY (CIPET)**

Department of Chemicals and Petrochemicals  
Ministry of Chemicals and Fertilizers, Govt. Of India

ASAP CSP, Kinfra IIP

Mangalam P.O. Lakkidi Kootupatha

Palakkad Kerala- 679301

Phone: 0466 2967187

E-mail: cipetpalakkad@gmail.com, palakkad@cipet.gov.in

Website: www.cipet.gov.in

Head Office: CIPET, Guindy, Chennai-600 032

**MEMORANDUM OF UNDERSTANDING (MoU)**

This Memorandum of Understanding is made on **09.03.2021** at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

**COIMBATORE INSTITUTE OF TECHNOLOGY**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called 'CIT' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladurai**

AND

**CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY**, Mangalam P.O., Lakkidi Kootupatha, Palakkad Dist, Kerala 679301, hereinafter called 'CIPET- PALAKKAD', represented by its **In-Charge Shri. Libin Roberts.**

**CIT** and **CIPET PALAKKAD** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work, benefiting MSME's and the details are reduced into this MoU for future reference.

**PREAMBLE**

**CIPET PALAKKAD** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Project Work - Assistance in the field of Composites and Plastics Processing
4. Research & Development

केन्द्र: अहमदाबाद, अमृतसर, औरंगाबाद, अरावली, बर्ही, बिलासौर, बेंगलूर, भोपाल, भुवनेश्वर, चंद्रपुर, चेन्नई, देहली, गुवाहाटी, ग्वालिबर, हैदराबाद, हावरी, इलाहाबाद, इन्दौर, जयपुर, कोयंबटूर, लखनऊ, मद्रास, मैसूर, रायपुर, रांची, रायचूर और विजयवाड़ा

Centres: Ahmedabad, Amritsar, Aurangabad, Bangalore, Bhopal, Bhubaneswar, Chandrapur, Chennai, Coimbatore, Guwahati, Gwalior, Hyderabad, Jaipur, Kalyan, Kanpur, Lucknow, Madurai, Mysore, Raipur, Ranchi, Raichur & Vijayawada

## **Terms Agreed**

### **1. Industrial Visit**

Subject to operational feasibility, CIPET PALAKKAD will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to CIPET PALAKKAD by Institution prior to a week period.

### **2. In-plant Training & Certificate and other necessary skill development training**

CIPET PALAKKAD will facilitate the students to undertake in-plant training and allow them for special skill development trainings in Production area, Plastic Processing in their facilities to get first hand practical experience. Students shall be provided with Bonafide from the Institution as a token of representation.

### **3. Project Work**

CIPET PALAKKAD may allow students of the CIT for project works in the field of Plastic Processing & Composite material aimed at building confidence to get prepared for smooth transition from academic to a professional working environment. Also, the facilities of CIT shall be made available for the purpose if required, with prior intimation, for the trainees of CIPET- Palakkad as a part of knowledge exchange.

### **4. Research & Development**

CIPET PALAKKAD may allow students and faculty members of the CIT for Research and Development work related in the field of Plastic Processing & composite material development using Twin Screw Extruder.

### **5. Validity and Termination**

This MoU takes effect from **09.03.2021** and valid for the period of **Three** years from the date of signing. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of CIPET PALAKKAD is intended for Common Use of Members and others, wherever applicable, any



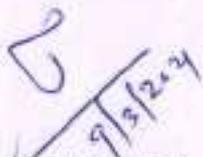
cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by CIPET PALAKKAD upon mutual consent.

The Institution is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to CIPET PALAKKAD in the routine outbound learning and training related activities. In the event of any damage or loss incurred to CIPET PALAKKAD by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by the Institution.

Read, Understood and Consented

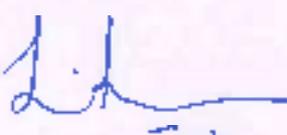
IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 09.03.2021 AT COIMBATORE.

For  
COIMBATORE INSTITUTE OF  
TECHNOLOGY

  
Dr. V. Selladurai

PRINCIPAL  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FAE., FIPE., SKM (ORSI) LPM (SSS)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-541 014, INDIA

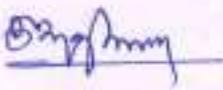
For  
CIPET- PALAKKAD

  
Shri. Libin Roberts  
CENTRE IN-CHARGE

श्री. लिबिन रोबर्ट्स / LIBIN ROBERTS  
श्री. सहायक, प्रशिक्षण & कक्षा  
Senior Technical Officer & in Charge  
श्री. सी. रोबर्ट्स / CIPET, PALAKKAD  
कोयंबटूर, कर्नाटक राज्यातील - ५७१ १०३  
Lalaha, Koppal, Palakkad - 678 103  
कर्णाटक - कोयंबटूर

Witness:

1)   
09/03/21  
(Dr. K. MARIMUTHU)

2)   
(Dr. G. SURESH KUMAR)

3)   
9/3/21 (SREEJESH T.P.)

4)   
(CHANDRAMA KARANTH)





தமிழ்நாடு தமில்நாடு TAMILNADU

*T. Kavitha*

BU 091213

T. KAVITHA

STAMP VENDOR

1/29-A, SAKTHI ASWARNAGAR,

VELLORE, COIMBATORE

TAMILNADU

REF. No : 7323/B/12/001/4

54448  
17-11-2018  
The principal CIT  
CBE

### Memorandum of Understanding

Between

Coimbatore Institute of Technology, Coimbatore

AND

DCAD ENGINEERS AND CONSULTANTS

Civil and Structural Engineering Consultancy firm, Coimbatore

This memorandum of Understanding (MoU), executed at Coimbatore this 16th day of February 2021 between DCAD Engineers and Consultants, Civil and Structural Engineering Consultancy firm, No. 7/53 Nehru Street, Ramnagar, Coimbatore 641009 (Hereafter referred to as DCAD), represented by Mr P. Shakivel, Managing Director.

AND

Coimbatore Institute of Technology, Coimbatore – 641041, an academic Institution offering quality education in different areas. (Hereafter referred to as CIT) represented by the Principal of the Institute.

*✓*

*P. Shakivel*

WHEREAS,

- DCAD is one of leading Civil and Structural Engineering consultancy firm, founded by Mr P.Shakivel M.Tech(IITM), Professional Engineer (Engineering Council of India) and it has specialization in design of all types of concrete & steel structures, Soil dynamics, Machine foundation design, Vibration analysis, onshore - Offshore structures, Coastal structures. In addition, working towards the real time problems & Applications in the area of Artificial Intelligence & IoT for Civil Engineering.
- CIT is a reputed Institution which offers Under Graduate Programs and Post Graduate Programs in Engineering for the benefit of different target groups of students.
- The parties have mutually agreed to bring the familiarization of current industrial practices to the students of the institute.

NOW THIS MOU WITNESSETH AS FOLLOWS:

CIT and DCAD also agreed to carry out the following on mutually acceptable terms and conditions:

- Industrial Visits to the Construction sites undertaken by DCAD.
- Guest Lectures by experts of DCAD and its associated experts.
- Joint seminars/Skill development programs/workshops/conferences/Joint Industrial Consultancy and sponsored Research projects.
- Establish a continuous Industry Institute relationship with various clients and focus on civil engineering application product developments.
- DCAD allows the Civil Engineering students of the institute to undertake Mini Projects and Main Project Work, In-plant Training and Internship programs.
- DCAD shall involve in the preparation of elective courses & syllabus framing in specialization areas of Civil Engineering domain in the institute as per Industry requirements.
- CIT and DCAD shall undertake research activities related to various applications of Artificial Intelligence and IoT based applications.
- CIT and DCAD shall provide Industry centric training in Civil & Structural Engineering areas.
- CIT has agreed to extend the facilities available in the campus for organizing the technology up gradation program like seminar, workshop, and technical lectures and to train the design engineers on the latest design concepts and international codes / Standards.



- Both parties shall jointly approach for the various Govt. (DST, AICTE, MHRD, and DRDO etc.) funding program for Training, Research, Engineering applications based product developments, setting up a specialized lab facilities etc.,
- The institute may send students of UG & PG level to the DCAD for Internship & technical trainings. The students will paid a stipend after completion of 3 month training period and deputed in the real time projects as per DCAD Engineers norms.

This MOU shall be valid for a period of Three years from the date of first herein above mentioned and shall be reviewed by both the parties for scope of work and progress made on an annual basis.

In witness whereof, the parties to this memorandum of Understanding have affixed their signatures on the day, month, and year first mentioned above.

**For Coimbatore Institute of Technology,**

**Coimbatore.**

Signature

**Dr.V.Selladurai**

Principal, Coimbatore Institute of Technology.

Date: 16/02/2021

Witness 1 *V.A.V. (Dr. V. A. Saisankar)*  
Head of the Department  
Department of Civil Engineering

Witness 2 *27/15/02/2021*  
(**Dr. S. SHANMUGAN**)



**For DCAD Engineers and Consultants**

**Coimbatore.**

Signature

**Mr P.Shakivel** M.Tech (ITM), P.E (ECI)

Managing Director

Date: 16/02/2021

Witness 1

*R. BALAKRISHNAN*  
R. BALAKRISHNAN

Witness 2

*16/2/2021*  
(**Dr. V. K. ALPANA**)



**Center Of Development in Edge computing (CODE)**MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MoU") is made and executed on this the day of 1<sup>st</sup> February 2021;

**BETWEEN**

Coimbatore Institute of Technology, located at Avinashi Road, Civil Aerodrome Post, Coimbatore is an educational institution engaged in advance research work \_in all fields of engineering, as the first party, hereafter referred as "Institution" (which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its administrators, liquidators, successors and permitted assigns) represented by its Principal and herein referred as Party1;

**AND**

Apcomart P Ltd, (previously known as and here after referred to as Golden Reelbox), located at 143 Infantry Road, Embassy Square, Suite #203, Bangalore 560001, also Founder, Center Of Development for Edge Computing (CODE) (which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its administrators, liquidators, successors and permitted assigns) represented by its director Karthikeyan Vaithianathan and here in referred as Party2;

Together Party1 and Party2 referred as Parties;

WHEREAS, Institution is an educational institution, properly recognized by the Government of India with faculty and participating students and with state-of-the-art infrastructure/facilities, including laboratories, equipment required for Research and Development;

WHEREAS Golden Reelbox is a technology company involved in the research and development of products and services in the field of Machine Learning, Deep Learning and Artificial Intelligence covering various verticals including media, education, entertainment, health, transportation and hyper local services.

WHEREAS discussions and deliberations have taken place between the Parties regarding collaborative applied research where the students and faculty will apply their acquired skills on solving problems from the industry that requires fundamental research and the parties have arrived at an understanding and agreement, which the parties record through this Memorandum of Understanding ("MoU")

**Apcomart Private Limited (formerly Reelbox Media Entertainment Pvt Ltd)**  
Regd. Office: 148, Suite #203, Embassy Square, Infantry Road, Bangalore, KA 560001, India  
Admin office: 50 Kamaraj Road, Redfields Road, Coimbatore, Tamil Nadu 641018, India  
GSTIN: 33AAFCR6628H12B | PAN : AAFCR6628H | CIN: U74110KA2012PTC062047  
<https://apcomart.com> | [code@reelbox.tv](mailto:code@reelbox.tv)



**Center Of Development in Edge computing (CODE)**

NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSED AND IT IS HEREBY AGREED AND UNDERSTOOD BETWEEN THE PARTIES HERETO AS UNDER:

**CLAUSE 1 - CO-OPERATION**

1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

1.2 Both the parties' co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of the Institution providing significant inputs to them in developing suitable research design and development in advanced computing and computer learning systems, keeping in mind the needs of the Corporate Social responsibilities of the Company, Golden Reelbox.

**CLAUSE 2 - SCOPE OF THE MoU**

2.1 Both Parties have agreed that the Institution shall support the CODE by providing students and faculty to carry out the research activities in conjunction with the staff and advisers of CODE.

2.2 There is no financial commitment on the part of Institution to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately. The Institution might optionally provide work space and infrastructure support including computer, servers and storage for the use of the students and faculty to be used for the research. Golden Reelbox also agrees to provide their infrastructure, server, storage facility wherever it is feasible. As a long term plan, Golden Reelbox at its discretion may set up facility for research and Centre of Excellence in the field of Advance computing at Amrita Coimbatore campus.

2.3 Golden Reelbox shall appropriately compensate or pay remuneration to the faculty and students for their research work and creation of intellectual property and is outside the scope of this MoU.

**Apcomart Private Limited (formerly Reelbox Media Entertainment Pvt Ltd)**  
Regd. Office: 148, Suite #203, Embassy Square, Infantry Road, Bangalore, KA 560001, India  
Admin office: 50 Kamaraj Road, Redfields Road, Coimbatore, Tamil Nadu 641018, India  
GSTIN: 33AAF6628H12B | PAN : AAF6628H | CIN: U74110KA2012PTC062047  
<https://apcomart.com> | [code@reelbox.tv](mailto:code@reelbox.tv)



**Center Of Development in Edge computing (CODE)**CLAUSE 3 - INTELLECTUAL PROPERTY

3.1 In case of inventions, patents and disclosures that arise during the course of the research, due monetary recognition shall be given to the students/staff involved in the research work and their names with affiliation will be included as Inventors. However, The Intellectual Property Rights (IPR) shall fully belong to whichever party that funds the research. If in case, the research is jointly funded by both parties, then IPR rights shall be equally owned. With the written consent from a CODE IPR committee, students and faculty should publish journal and/or conference and/or transaction papers.

CLAUSE 4 - DURATION OF MOU AND TERMINATION

4.1 This MoU will come into force upon affixing of the signatures of the both parties and will remain in effect for two years. This MoU may be renewed upon its expiry, with the agreement of both parties.

4.2 In the event that either party defaults under this Agreement, the non-defaulting party may send a written notice to the defaulting party of said default. If the defaulting party fails to correct said default within fifteen (15) days of receipt of written notice, then the non-defaulting party is entitled to terminate this Agreement by giving one-month notice.

4.3 This MoU or its renewal and the actions taken under it may be reviewed at any time. Modifications may be made by mutual agreement, and any amendment or extension to the agreement may be formalized by the exchange of letters between the two parties.

CLAUSE 5 - RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that both the parties are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

5.2 Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

**Apcomart Private Limited (formerly Reelbox Media Entertainment Pvt Ltd)**

Regd. Office: 148, Suite #203, Embassy Square, Infantry Road, Bangalore, KA 560001, India

Admin office: 50 Kamaraj Road, Redfields Road, Coimbatore, Tamil Nadu 641018, India

GSTIN: 33AAFRCR6628H12B | PAN : AAFRCR6628H | CIN: U74110KA2012PTC062047

<https://apcomart.com> | [code@reelbox.tv](mailto:code@reelbox.tv)

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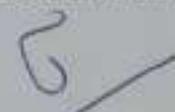
 

CLAUSE 6 DISPUTES AND SETTLEMENT

6.1 The parties shall endeavour to settle any dispute or claim arising out of or in relation to this MoU through amicable discussions. If not amicably settled within sixty (60) days of the notification of a dispute by a party or claim arising, such dispute or claim shall be decided by a sole arbitrator to be appointed by the parties mutually.

IN WITNESS WHEREOF, the parties have executed the MoU on the day, month, and year first written above, in the presence of the following witnesses

For and on behalf of the INSTITUTION

  
The Principal,  
Coimbatore Institute of Technology,

Coimbatore **Dr. V. SELLADURAI, M.E., Ph.D**  
FIE., FIE., Sr.M (ORSI) LM (SSI)  
PRINCIPAL

COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

Witness

*N. Muthu*

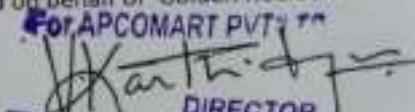
*(Dr. N. Muthukumarasamy)*

*Dean R+D*

*C.I.T.*



For and on behalf of Golden Reelbox

**For APCOMART PVT. LTD**  
  
**DIRECTOR**

Mr. Karthikeyan Vaithianathan

Director, Apcomart, Bangalore

Witness

*Dr. P. Anand*  
*SS Bharathi Bore Road*  
*Sambha Colony*  
*Coimbatore - 641 013*

Apcomart Private Limited (formerly Reelbox Media Entertainment Pvt Ltd)  
Regd. Office: 148, Suite #203, Embassy Square, Infantry Road, Bangalore, KA 560001, India  
Admin office: 50 Kamaraj Road, Redfields Road, Coimbatore, Tamil Nadu 641018, India  
GSTIN: 33AAF6628H12B | PAN : AAF6628H | CIN: U74110KA2012PTC062047  
<https://apcomart.com> | [code@reelbox.tv](mailto:code@reelbox.tv)

भारतीय गैर न्यायिक

बीस रुपये

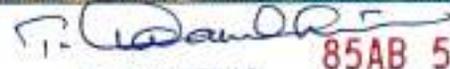
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RUPEES

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85AB 547129

17.12.2020

Coimbatore Institute of  
Technology  
Cbe

T. KAVITHA  
STAMP VENDOR  
129-A, SAKTHIEASWARNAGAR,  
VELLALORE, COIMBATORE  
TAMILNADU  
REF. No : 7323/91/2008/4

**MEMORANDUM OF UNDERSTANDING (MoU)**

This Memorandum of Understanding is made on **11<sup>th</sup> January 2021** at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/S. **MIT CAST ALLOYS**, SF NO 355/1 ,Door no ,18/2 luna plastic Road, Abbas garden, TVS nagar Coimbatore - 641 025 hereinafter called '**MIT CAST ALLOYS**' and includes its assigns, legal heirs and successors of Part-I, represented by its **Managing Partner Shri. Vigneshwaran M**

AND

**COIMBATORE INSTITUTE OF TECHNOLOGY**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called '**CIT**' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladural**.





**MIT CAST ALLOYS** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work and the details are reduced into this MoU for future reference.

## **PREAMBLE**

**MIT CAST ALLOYS** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & Special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## **TERMS AGREED**

### **1. Industrial Visit**

Subject to operational feasibility, **MIT CAST ALLOYS** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **MIT CAST ALLOYS** by **CIT** prior to a period of two weeks.

### **2. In-plant Training & Certificate and other necessary skill development training**

**MIT CAST ALLOYS** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from Institution as a token of representation.

### **3. Guest Lecture**

**MIT CAST ALLOYS** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **MIT CAST ALLOYS**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **MIT CAST ALLOYS**, on mutual consent.



Page 2 of 4

#### 4. Project Work

**MIT CAST ALLOYS** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

#### 5. Research & Development

**MIT CAST ALLOYS** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

#### 6. Problem Solving

Problems identified in thrust areas during the course of interaction between the **CIT** and **MIT CAST ALLOYS** will be addressed through collaborative work between **CIT** and **MIT CAST ALLOYS** for further research and problem solving.

#### 7. Studies and Survey

**MIT CAST ALLOYS** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

#### 8. Placements

As and when deemed necessary, **MIT CAST ALLOYS** will guide and assist the students of **CIT** in getting better Industrial placements.

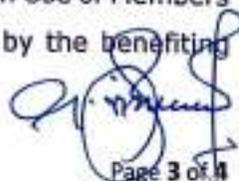
#### 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **MIT CAST ALLOYS** will function as its Secretaries for the purpose of communication and coordination.

#### 10. Validity and Termination

This MoU takes effect from **11<sup>th</sup> January 2021** and valid for the period of **FIVE** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the students. While these common facilities of **MIT CAST ALLOYS** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting

  
Page 3 of 4

students or others. The said cost in the form of fees etc will be finalized by **MIT CAST ALLOYS** upon mutual consent.

**CIT** is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to **MIT CAST ALLOYS** in the routine outbound learning and training related activities. In the event of any damage or loss incurred at **MIT CAST ALLOYS** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON **11<sup>th</sup> January 2021** AT COIMBATORE.

**For COIMBATORE INSTITUTE  
OF TECHNOLOGY**



**Dr V Selladurai  
PRINCIPAL**

**Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FRI., FIPE., SrM (ORSI) LPM (S.S.I)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014. INDIA**

**For MIT CAST ALLOYS**



**Shri. Vigneshwaran M  
MANAGING PARTNER**

**Witness:**

1)



**Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014. INDIA**

2)



**MOHANRAJ.T  
MANAGER - OPERATION.**

3)



**Dr.G. Sivakumar, Ph.D.,  
Assistant Professor  
Department of Mechanical Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641014.**

4)

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17.12.2020

Coimbatore Institute of  
Technology  
etc

STAMP VENDOR  
29-A, SAKTHIASWARNAGAR  
VELLALORE, COIMBATORE  
TAMILNADU  
REF. No : 7323/912002/4

### MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of Understanding is made on 24<sup>th</sup> December 2020 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s **AMTEX ENGINEERING**, 668/3, Kulathur, Venkittapuram Post, Coimbatore - 641 062 herein after called '**Amtext Engineering**' and includes its assigns, legal heirs and successors of Part-I, represented by its **Manager, Er. K. Markandeyan**  
AND

**COIMBATORE INSTITUTE OF TECHNOLOGY**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called '**CIT**' and includes its assigns, legal heirs and successors of Part-I, represented by its **Principal Dr. V. Selladurai**.

5

Signature

Page 1 of 4

**Amtex Engineering** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work and the details are reduced into this MoU for future reference.

## **PREAMBLE**

**Amtex Engineering** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & Special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## **TERMS AGREED**

### **1. Industrial Visit**

Subject to operational feasibility, **Amtex Engineering** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **Amtex Engineering** by **CIT** prior to a period of two weeks.

### **2. In-plant Training & Certificate and other necessary skill development training**

**Amtex Engineering** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from Institution as a token of representation.

### **3. Guest Lecture**

**Amtex Engineering** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **Amtex Engineering**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **Amtex Engineering**, on mutual consent.

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Page 2 of 4

#### 4. Project Work

**Amtex Engineering** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

#### 5. Research & Development

**Amtex Engineering** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

#### 6. Problem Solving

Problems identified in thrust areas during the course of Interaction between the **CIT** and **Amtex Engineering** will be addressed through collaborative work between **CIT** and **Amtex Engineering** for further research and problem solving.

#### 7. Studies and Survey

**Amtex Engineering** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

#### 8. Placements

As and when deemed necessary, **Amtex Engineering** will guide and assist the students of **CIT** in getting better Industrial placements.

#### 9. Monitoring

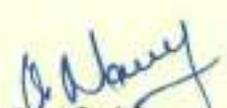
A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **Amtex Engineering** will function as its Secretaries for the purpose of communication and coordination.

#### 10. Validity and Termination

This MoU takes effect from **24<sup>th</sup> December 2020** and valid for the period of **FIVE** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the students. While these common facilities of **Amtex Engineering** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the

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Page 3 of 4

benefiting students or others. The said cost in the form of fees etc will be finalized by **Amtex Engineering** upon mutual consent.

**CIT** is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to **Amtex Engineering** in the routine outbound learning and training related activities. In the event of any damage or loss incurred at **Amtex Engineering** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

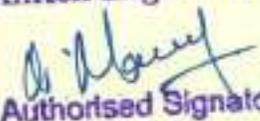
Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON **24<sup>th</sup> December 2020** AT COIMBATORE.

For  
**COIMBATORE INSTITUTE OF  
TECHNOLOGY**

  
**Dr V Selladurai**  
Principal  
**Dr. V. SELIADURAI, M.E., Ph.D.,**  
FIE., FIE., FIPE., Sr.M (ORS) LPM (SSD)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014. INDIA

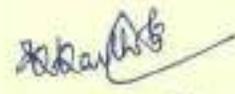
For  
**AMTEX ENGINEERING**

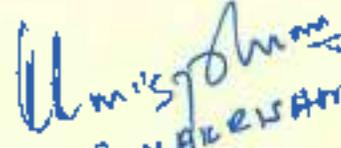
For Amtex Engineering  
  
Authorised Signatory  
**Er. K. Markandeyan**  
Manager

Witness:

1)   
**Dr. K. MARIMUTHU, Ph.D.,**  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014. INDIA

2)   
**P. VIJAY**  
Accountant

3)   
**K. KARTHIK**  
Assistant Professor  
Dept. of Mechanical Engineering,  
Coimbatore Institute of Technology,  
Coimbatore - 14.

4)   
**(R. RAMAKRISHNAN)**  
(AR)

भारतीय गैर न्यायिक

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17.12.2020 Coimbatore Institute of  
Technology  
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T. KAVITHA  
STAMP VENDOR  
1/29-A, SAKTHIASWARNAGAR,  
VELLALORE, COIMBATORE  
TAMILNADU  
REF. No : 7323/51/2008/4



MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding is made on **22.12.2020** at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. **KOVAI CLASSIC INDUSTRIES**, No. 1, Iyer Hospital Road, Singanallur Post, Sowripalayam, Coimbatore 641005 hereinafter called '**Kovai Classic Industries**' and includes its assigns, legal heirs and successors of Part-I, represented by its **Proprietor Mr. B. Vasantha Kumar**

AND

**COIMBATORE INSTITUTE OF TECHNOLOGY**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called '**CIT**' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladurai**.

*Handwritten signature*

*Handwritten signature*

**Kovai Classic Industries** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work and the details are reduced into this MoU for future reference.

## **PREAMBLE**

**Kovai Classic Industries** and **CIT**, which has learned faculty with good Industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & Special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## **TERMS AGREED**

### **1. Industrial Visit**

Subject to operational feasibility, **Kovai Classic Industries** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **Kovai Classic Industries** by **CIT** prior to a period of two weeks.

### **2. In-plant Training & Certificate and other necessary skill development training**

**Kovai Classic Industries** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from Institution as a token of representation.

### **3. Guest Lecture**

**Kovai Classic Industries** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **Kovai Classic Industries**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **Kovai Classic Industries**, on mutual consent.

#### **4. Project Work**

**Kovai Classic Industries** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

#### **5. Research & Development**

**Kovai Classic Industries** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

#### **6. Problem Solving**

Problems identified in thrust areas during the course of interaction between the **CIT** and **Kovai Classic Industries** will be addressed through collaborative work between **CIT** and **Kovai Classic Industries** for further research and problem solving.

#### **7. Studies and Survey**

**Kovai Classic Industries** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

#### **8. Placements**

As and when deemed necessary, **Kovai Classic Industries** will guide and assist the students of **CIT** in getting better Industrial placements.

#### **9. Monitoring**

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **Kovai Classic Industries** will function as its Secretaries for the purpose of communication and coordination.

#### **10. Validity and Termination**

This MoU takes effect from **22.12.2020** and valid for the period of **FIVE** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the students. While these common facilities of **Kovai Classic Industries** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the

benefiting students or others. The said cost in the form of fees etc will be finalized by **Kovai Classic Industries** upon mutual consent.

**CIT** is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to **Kovai Classic Industries** in the routine outbound learning and training related activities. In the event of any damage or loss incurred at **Kovai Classic Industries** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

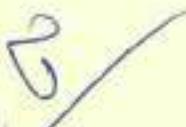
Read, Understood and Consented

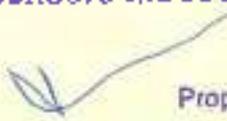
IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 22.12.2020 AT COIMBATORE.

For **COIMBATORE INSTITUTE OF TECHNOLOGY**

For **KOVAI CLASSIC INDUSTRIES**

For **KOVAI CLASSIC INDUSTRIES**

  
**Dr V Selladurai**  
**PRINCIPAL**

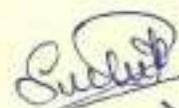
  
Proprietor.  
**Mr B Vasantha Kumar**  
**PROPRIETOR**

**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**AE., FIE., FIPE., ScM (GPSI) LPM (SSO)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014, INDIA**

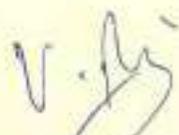
**Kovai Classic Industries**  
Regd. Office: 1, Iyer Hospital Road,  
General P.O., Coimbatore - 641 005  
Tamil Nadu, INDIA.

Witness:

1)   
**Dr. K. MARIMUTHU, Ph.D.,**  
**PROFESSOR AND HEAD OF MECHANICAL ENGINEERING**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE - 641 014, INDIA**

2)   
**(SUSHRITHA)**  
Admin & Account  


3)   
**Dr. Tony Punnose Valayil**  
Assistant Professor  
Department of Mechanical Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641014.

4)   
**(V-RISHI)**  
Marketing & Production: Head.

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமில்நாடு TAMIL NADU

*T. Kavitha*

T. KAVITHA

85AB 547138

STAMP VENDOR

1/29-A, SAKTHIEASWARNAGAR,

VELLALORE, COIMBATORE

TAMILNADU

REF. No : 7323/31/2008A

17.12.2020

Coimbatore Institute of  
Technology, etc.

**MEMORANDUM OF UNDERSTANDING (MoU)**

This Memorandum of Understanding is made on **21.12.2020** at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. **VARMA ENTERPRISES**, S.F. No. 274, Anna Private Industrial Estate, Vilankurichi road, Coimbatore - 641035, represented by its **Managing Director, Shri. S. Ramesh**

AND

**COIMBATORE INSTITUTE OF TECHNOLOGY**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its office at Avlnashl Road, Civil Aerodrome Post, Coimbatore - 641014, herein after called '**CIT**' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladurai**.

**VARMA ENTERPRISES** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work, benefiting **MSME's** of Coimbatore region and the details are reduced into this MoU for future reference.

## **PREAMBLE**

**VARMA ENTERPRISES** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## **Terms Agreed**

### **1. Industrial Visit**

Subject to operational feasibility, **VARMA ENTERPRISES** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The industrial visit shall be informed to **VARMA ENTERPRISES** by **CIT** prior to a period of two weeks.

### **2. In-plant Training & Certificate and other necessary skill development training**

**VARMA ENTERPRISES** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from **CIT** as a token of representation.

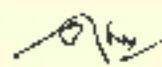
### **3. Guest Lecture**

**VARMA ENTERPRISES** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **VARMA ENTERPRISES**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **VARMA ENTERPRISES**, on mutual consent.

### **4. Project Work**

**VARMA ENTERPRISES** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

6



## 5. Research & Development

**VARMA ENTERPRISES** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

## 6. Problem Solving

Problems identified in thrust areas during the course of interaction between the **CIT** and **VARMA ENTERPRISES** will be addressed through collaborative work between **CIT** and **VARMA ENTERPRISES** for further research and problem solving.

## 7. Studies and Survey

**VARMA ENTERPRISES** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

## 8. Placements

As and when deemed necessary, **VARMA ENTERPRISES** will guide and assist the students of **CIT** in getting better Industrial placements.

## 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **VARMA ENTERPRISES** will function as its Secretaries for the purpose of communication and coordination.

## 9. Validity and Termination

This MoU takes effect from **21.12.2020** and valid for the period of **FIVE** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days' notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of **VARMA ENTERPRISES** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by **VARMA ENTERPRISES** upon mutual consent.

**CIT** is to ensure that the students are such people aimed to get benefited and **CIT** has to give priority to **VARMA ENTERPRISES** In the routine outbound learning and training related activities. In the event of any damage or loss incurred by **VARMA**

**ENTERPRISES** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON **21.12.2020** AT COIMBATORE.

For

**COIMBATORE INSTITUTE OF TECHNOLOGY**

  
**Dr. V. Selladurai**  
**PRINCIPAL**

**Dr. V. SELLADURAI, M.E., Ph.D.,**  
FIE., FIE., FIPE., Sr.M (ORSO) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

For

**VARMA ENTERPRISES**

  
**VARMA ENTERPRISES**

**Shri. S. Ramesh**  
**MANAGING DIRECTOR**

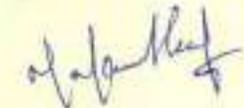
**VARMA ENTERPRISES**  
S.F. No : 274,  
Kand Private Industrial Estate,  
M. Road, Coimbatore-641 014  
Ph : 9790087262

**Witness:**

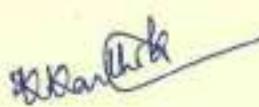
1)

  
**Dr. K. MARIMUTHU, Ph.D.,**  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

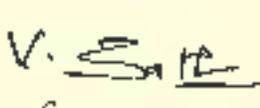
3)

  
[M. NARAYANAIAH (CORP)]  
Accounts Manager

2)

  
**Mr. K. KARTHIK**  
Assistant Professor,  
Dept. of Mechanical Engineering,  
Coimbatore Institute of Technology,  
Coimbatore - 641014.

4)

  
(V. Sathya sh)  
Asst Manager Cash Com

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

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RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமில்நாடு TAMIL NADU

85AB 547136

17.12.2020 Coimbatore Institute of  
Technology, Coe

T. KAVITHA  
STAMP VENDOR  
112/A, SAI THEERASWAMINATHAR,  
VELLALORE, COIMBATORE  
(KARNATAKA)  
REF No. 73234512008



**MEMORANDUM OF UNDERSTANDING (MOU)**

This Memorandum of Understanding is made on 21-12-2020 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. **RABWIN INDUSTRIES PRIVATE LIMITED**, SF. NO. 138/2, SNMV College Road, Marumichampatti Post, Coimbatore - 641050 hereinafter called '**RABWIN INDUSTRIES PRIVATE LIMITED**' and includes its assigns, legal heirs and successors of Part-I, represented by its **Managing Director Mr. PR. Aruchamy**

AND

**COIMBATORE INSTITUTE OF TECHNOLOGY**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avlnashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called '**CIT**' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladurai**.

**RABWIN INDUSTRIES PRIVATE LIMITED** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for Industries and research work and the details are reduced into this MoU for future reference.

#### **PREAMBLE**

**RABWIN INDUSTRIES PRIVATE LIMITED** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified hereunder:

1. Industrial Visit
2. In-plant Training & Special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

#### **TERMS AGREED**

##### **1. Industrial Visit**

Subject to operational feasibility, **RABWIN INDUSTRIES PRIVATE LIMITED** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **RABWIN INDUSTRIES PRIVATE LIMITED** by **CIT** before a period of two weeks.

##### **2. In-plant Training & Certificate and other necessary skill development training**

**RABWIN INDUSTRIES PRIVATE LIMITED** will facilitate the students to undertake in-plant training and allow them for special skill development training in design & development, production area, quality control methodologies in their facilities to get first-hand practical experience. Students shall be provided with Bonafide from Institution as a token of representation.

##### **3. Guest Lecture**

**RABWIN INDUSTRIES PRIVATE LIMITED** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **RABWIN INDUSTRIES PRIVATE LIMITED**. It is agreed to have a periodical presentation of papers from the learned faculty members of **CIT** and **RABWIN INDUSTRIES PRIVATE LIMITED**, on mutual consent.

#### 4. Project Work

**RABWIN INDUSTRIES PRIVATE LIMITED** may allow students of **CIT** for live project works aimed at building confidence to get prepared for a smooth transition from academic to a professional working environment.

#### 5. Research & Development

**RABWIN INDUSTRIES PRIVATE LIMITED** may allow students and faculty members of **CIT** for Research and Development work-related in their fields.

#### 6. Problem Solving

Problems identified in thrust areas during the interaction between the **CIT** and **RABWIN INDUSTRIES PRIVATE LIMITED** will be addressed through collaborative work between **CIT** and **RABWIN INDUSTRIES PRIVATE LIMITED** for further research and problem-solving.

#### 7. Studies and Survey

**RABWIN INDUSTRIES PRIVATE LIMITED** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

#### 8. Placements

As and when deemed necessary, **RABWIN INDUSTRIES PRIVATE LIMITED** will guide and assist the students of **CIT** in getting better Industrial placements.

#### 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **RABWIN INDUSTRIES PRIVATE LIMITED** will function as its Secretaries for the purpose of communication and coordination.

#### 10. Validity and Termination

This MoU takes effect from **21-12-2020** and valid for the period of **FIVE** years from the date of signing with the option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on a mutually beneficial basis, focused on increasing the employability of the students. While these

common facilities of **RABWIN INDUSTRIES PRIVATE LIMITED** are intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by **RABWIN INDUSTRIES PRIVATE LIMITED** upon mutual consent.

**CIT** is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to **RABWIN INDUSTRIES PRIVATE LIMITED** in the routine outbound learning and training related activities. In the event of any damage or loss incurred at **RABWIN INDUSTRIES PRIVATE LIMITED** because of allowing students to take up training, the same has to be reimbursed on a cost to cost basis by **CIT**.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON **21-12-2020** AT COIMBATORE.

For

**COIMBATORE INSTITUTE OF TECHNOLOGY**

  
**Dr. V. Selladurai**  
**PRINCIPAL**

**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FIE., FME., FPE., Sr.M (ORIS) LPM (SSI)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014, INDIA**

For

**RABWIN INDUSTRIES PRIVATE LIMITED**

For **RABWIN INDUSTRIES PRIVATE LIMITED**

  
**Shri. PR. Aruchamy**  
**MANAGING DIRECTOR**

Witness:

1)

  
**Dr. K. MARIMUTHU, Ph.D.,**  
**PROFESSOR AND HEAD OF MECHANICAL ENGINEERING**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE - 641 014, INDIA**

2)

  
**Dr. Tony Puroose Valajil**  
**Assistant Professor**  
**Department of Mechanical Engineering**  
**Coimbatore Institute of Technology**  
**Coimbatore - 641014**

3)

  
**D. BALAKRISHNAN, DIRECTOR**  
**RABWIN INDUSTRIES PVT LTD**  
**SF 137/2, SNMV COLLEGE ROAD**  
**MALUMICHAMPATTI PO**  
**COIMBATORE 641050**

4)

  
**SENTHILKUMAR, K. DIRECTOR**  
**SF no: 137/2, SNMV College Rd,**  
**Malumichampatti,**  
**Coimbatore - 50.**

भारतीय गैर न्यायिक

बीस रुपये

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Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமிலநாடு TAMIL NADU

*T. Kavitha*

85AB 547134

17.12.2020 Coimbatore Institute of  
Technology, Coe

T. KAVITHA  
STAMP VENDOR  
120/1, COIMBATORE BUNGAR,  
COIMBATORE, TAMIL NADU  
REF. No. 732319/2008/4



### MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding is made on 18<sup>th</sup> December 2020 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. **VASUMATHI CASTINGS**, 42D Cosmaran Foundry, Cluster Park III, Mahikampalayam, Coimbatore- 641107 hereinafter called '**Vasumathi Castings**' and includes its assigns, legal heirs and successors of Part-I, represented by its **Proprietor Sri. C. Dhanapal**

AND

**COIMBATORE INSTITUTE OF TECHNOLOGY**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called '**CIT**' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladurai**.

*6*

*[Signature]*

**Vasumathi Castings** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work and the details are reduced into this MoU for future reference.

#### **PREAMBLE**

**Vasumathi Castings** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & Special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

#### **TERMS AGREED**

##### **1. Industrial Visit**

Subject to operational feasibility, **Vasumathi Castings** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **Vasumathi Castings** by **CIT** prior to a period of two weeks.

##### **2. In-plant Training & Certificate and other necessary skill development training**

**Vasumathi Castings** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from Institution as a token of representation.

##### **3. Guest Lecture**

**Vasumathi Castings** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **Vasumathi Castings**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **Vasumathi Castings**, on mutual consent.

#### 4. Project Work

**Vasumathi Castings** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

#### 5. Research & Development

**Vasumathi Castings** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

#### 6. Problem Solving

Problems identified in thrust areas during the course of interaction between the **CIT** and **Vasumathi Castings** will be addressed through collaborative work between **CIT** and **Vasumathi Castings** for further research and problem solving.

#### 7. Studies and Survey

**Vasumathi Castings** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

#### 8. Placements

As and when deemed necessary, **Vasumathi Castings** will guide and assist the students of **CIT** in getting better Industrial placements.

#### 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **Vasumathi Castings** will function as its Secretaries for the purpose of communication and coordination.

#### 10. Validity and Termination

This MoU takes effect from **18<sup>th</sup> December 2020** and valid for the period of **FIVE** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the students. While these common facilities of **Vasumathi Castings** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the

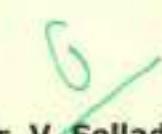
benefiting students or others. The said cost in the form of fees etc will be finalized by **Vasumathi Castings** upon mutual consent.

**CIT** is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to **Vasumathi Castings** in the routine outbound learning and training related activities. In the event of any damage or loss incurred at **Vasumathi Castings** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON **18th December 2020** AT COIMBATORE.

For **COIMBATORE INSTITUTE OF TECHNOLOGY**

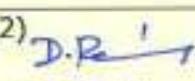
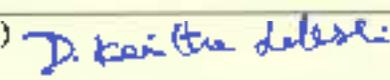
  
Dr. V. Selladurai  
PRINCIPAL

Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FIE., FIPE., ScM (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

For **VASUMATHI CASTINGS**

For **Vasumathi Castings**  
  
  
Proprietor  
Shri. C. Dhanapal  
PROPRIETOR

Witness:

1)  Dr. K. MARIMUTHU, Ph.D., PROFESSOR AND HEAD OF MECHANICAL ENGINEERING COIMBATORE INSTITUTE OF TECHNOLOGY COIMBATORE - 641 014, INDIA	2)  D. Paritha Saraswathi Illam, No.64, Kongu Nagar, CBF-641048.
3)  [Dr. G. Suganya Priyadarshini Asst. Prof. Department of Mechanical Engg. CIT, COIMBATORE]	4)  D. Karthi Desh No.64, Kongu Nagar CBE - 641048



**SAMUDRA** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work, benefiting MSME's of Coimbatore region and the details are reduced into this MoU for future reference.

**PREAMBLE**

**SAMUDRA** and the **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

**Terms Agreed**

**1. Industrial Visit**

Subject to operational feasibility, **SAMUDRA** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **SAMUDRA** by Institution prior to a week period.

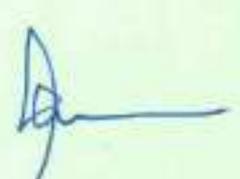
**2. In-plant Training & Certificate and other necessary skill development training**

**SAMUDRA** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from the Institution as a token of representation.

To facilitate the students, **SAMUDRA** will also conduct onsite training using softwares like AutoCAD, Solid Works and simulation softwares ( if any) for knowledge up gradation at a cost as mutually agreed upon.

**3. Guest Lecture**

**SAMUDRA** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; the Institution will provide expertise and its facilities to **SAMUDRA**. It is agreed to have periodical presentation of papers from the learned faculty members of the Institution and **SAMUDRA**, on mutual consent.



#### **4. Project Work**

SAMUDRA may allow students of the CIT for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

#### **5. Research & Development**

SAMUDRA may allow students and faculty members of the CIT for Research and Development work related in their fields.

#### **6. Problem Solving**

Problems Identified In thrust areas during the course of interaction between CIT and SAMUDRA, will be addressed through collaborative work between CIT and SAMUDRA for further research and problem solving.

#### **7. Studies and Survey**

SAMUDRA may provide opportunities and inputs to the students of CIT to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

#### **8. Placements**

As and when deemed necessary, SAMUDRA will guide and assist the students of CIT in getting better Industrial placements.

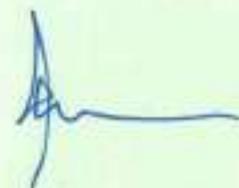
#### **9. Monitoring**

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from CIT and SAMUDRA will function as its Secretaries for the purpose of communication and coordination.

#### **9. Validity and Termination**

This MoU takes effect from **18.12.2020** and valid for the period of **five** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of SAMUDRA is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by SAMUDRA upon mutual consent.

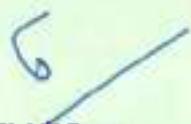


The Institution is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to SAMUDRA In the routine outbound learning and training related activities. In the event of any damage or loss incurred by SAMUDRA by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by the Institution.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 18.12.2020 AT COIMBATORE.

For  
**COIMBATORE INSTITUTE OF TECHNOLOGY**

  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
FIE., FHEI, FIPE., Sr.M (DRSI) LPM (SS)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

**Dr. V.Selladurai**  
PRINCIPAL

For  
**SAMUDRA PUMPS (INDIA) PVT. LIMITED**

  
**Shri. C. Manimaran**  
HEAD - HUMAN RESOURCES

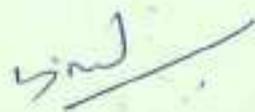
**SAMUDRA**

**SAMUDRA PUMPS (INDIA) PVT LTD**

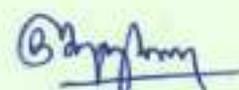
Registered Office: Office Block 1, Ground Floor  
Senthil Towers, 107B, Avinashi Road  
Coimbatore - 641 018, Tamilnadu, India  
Phone: 91 9442255111; Email: info@samudrapumps.com  
www.samudrapumps.com | CIN: U31999TJ2020FTC033500

Witness:

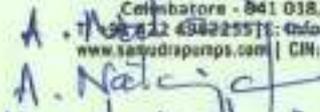
1)

  
**Dr. K. MARIMUTHU, Ph.D.,**  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

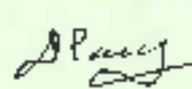
2)

  
**Dr. G. SURESHKUMAR**  
Associate Professor  
Dept. of Mech. Engg.  
CIT.

3)

  
**A. Nataraj**  
Head Materials,  
Samudra Pumps Pvt Ltd,  
Coimbatore.

4)

  
**Santhoshkumar**  
Head - Finance  
Samudra Pumps India Pvt Ltd,  
Coimbatore.

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

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ONE  
HUNDRED RUPEES

भारत INDIA  
INDIA NON JUDICIAL

தமிழ்நாடு தமில்நாடு TAMILNADU

The Principal CIT

Coimbatore 14

MEMORANDUM OF UNDERSTANDING  
BETWEEN

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE - 641 014

AND

SUPER TRANSPORTS PRIVATE LIMITED, COIMBATORE - 641 018

PREAMBLE

COIMBATORE INSTITUTE OF TECHNOLOGY (CIT) (herein called Institution) a highly reputed technical Institution having the vision of becoming a Centre of Excellence, which has learned faculty, high quality laboratories and facilities and large student community, who can complement the efforts of industries.

and

SUPER TRANSPORTS PRIVATE LIMITED (herein called STPL) one of the topmost wholesale distributors of a broad assortment of lubricating oils. The offered oil are highly demanded in various industrial machines and automobiles parts for effective lubrication, thereby increases the efficiency of equipment and reduce its maintenance cost.

Jointly agree to exchange their expertise for mutual benefit and growth on the terms mentioned hereunder.

*[Handwritten signature]*

*[Handwritten signature]*

## I. PURPOSE

The purpose of this MoU is to outline how the Institution and STPL will work together to maximise the benefits from their mutual interests and jointly go to market. This MoU can be amended only in writing and subject to agreement by both STPL and CIT.

## II. SCOPE OF CO-OPERATION

Both the parties believe that close co-operation would be of major benefit mutually to the Institution and STPL. Accordingly, the following objectives are identified:

- Regular exchange of resource and knowledge
- Tapping of potentials which contribute to mutual benefits
- Joint effort to identify avenues for improving the relationship and its products
- Formation and monitoring of steering committee
- Striving to achieve the mission and work on the path of vision to maintain the quality policy of the component institutions

The above objectives may be accomplished through the following fields:

1. Visits on either side
2. Training and placement
3. Sharing of facilities
4. Joint Venture programs
5. Project work and problem solving
6. Consultancy

### 1. VISITS ON EITHER SIDE

STPL would be instrumental to permit the students of the Institution to undertake industrial visits to firms and factories (LGB and clients of STPL) under its purview (project sites) for the benefit of practical exposure.

The Institution would be happy to facilitate for the Institutional visit of the members and/or experts from STPL. If any important technical meetings & conferences are held in the Institution, invitation could be extended to the STPL.

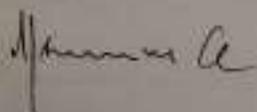
### 2. TRAINING AND PLACEMENT

Training to students during vacation or otherwise special may be facilitated by STPL through the Institution while any type of training programs for industrial personnel, labourers and executives falling within the scope of the Institution will be provided by the Institution. However, every individual program would have to be worked out separately by both parties.

Placement to students is arranged by the Placement centre of the Institution and STPL would contribute to the success of the program.

### 3. SHARING OF FACILITIES AND INDUSTRY VISITS

The Institution can facilitate STPL for making use of various equipment, laboratories, library, and computers of the Institution for the purpose of testing, study, calibration and research activities.



STPL can facilitate to provide opportunities and inputs to students of the Institution to undertake field studies; access their data when needed. The students and/or staff may also be permitted, if required and wherever possible, to visit and utilize the facilities of STPL and also access their data for the broad purpose of education, teaching, skill development, etc.

#### 4. JOINT VENTURE PROGRAMS

Technical conferences, workshops, seminars, symposium, exhibitions, practical testing classes may be arranged under joint venture on mutual interest by both parties. The logistics are to be worked out separately for every program.

#### 5. PROJECT WORK AND PROBLEM SOLVING

STPL would strive to use the students for doing live projects at various industries while the institutional faculty would be willing to undertake any short-term project or problem solving for the STPL, the logistics of which are separate. A copy of such project report developed by the students of Institution may be sent to STPL.

#### 6. CONSULTANCY

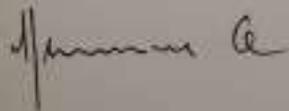
The Institution may help STPL for strategy planning and execution, product promotion through digital marketing, cost control and data analysis at appropriate cost. The logistics are to be worked out for each activity.

### III. THE WORKING RELATIONSHIP

- Based on the need for human resource, STPL would give priority to the students of the Institution in recruitment of technical personnel other things being equal.
- A Steering Committee consisting of members from both the parties would be functionary to execute this MoU.
- The Steering Committee will provide policy direction related to all activities and financial implications.
- The Steering Committee would meet twice in a year to review the progress in the elements of this MoU.
- One of the members of Steering Committee on each side will function as its secretary.
- Any other matter which falls as a result of any of the above mentioned would be discussed and suitable action would be taken.

### IV. MANAGEMENT OF THE PARTNERSHIP

The partnership will be managed through a Steering Committee which will meet once in three months. Membership of the Steering Committee will, currently, consist of Mr.A.Sampath Kumar (Executive Director, STPL), Mr.V.Dinesh (Senior Business Manager, STPL), and Dr.A.Kannammal (Professor & Head, Department of Decision and Computing Sciences, CIT), Dr.K.Sakthimala (Professor & Head, Department of Software Systems, CIT), Dr.S.Suganthi (Professor & Head, Department of Data Science, CIT), to cover emerging areas of interest. The Steering Committee will review the collaborative



activities and agree new activities based on the alignment of strategy and objectives, levels of engagement and commitment between the Parties, communications and forthcoming opportunities.

#### V. COMMENCEMENT, DURATION AND TERMINATION

The effective commencement date of this working relationship will be the date of the signing of this MoU and the working relationship shall remain in force for a period of 3 years from the commencement date.

The working relationship can be terminated at any time by any party following a consultation period of 30 (thirty) calendar days or such period as agreed otherwise between the parties and thereafter giving 30 (thirty) calendar days written notice of termination to the other Party.

The working relationship will not be automatically renewed and will be reviewed before the end date with a view to assessing delivery against the objectives set out in this MoU and whether a renewed working relationship aligns with the strategies and objectives of the Parties.

#### VI. POINTS OF CONTACT

##### 1. SUPER TRANSPORTS PRIVATE LIMITED

Mr.A.Sampath Kumar  
Executive Director  
SUPER TRANSPORTS PRIVATE LIMITED  
No. 8, 123B, Trichy Rd, Race Course  
Coimbatore, Tamil Nadu 641018  
Mobile: +91 98946 19005

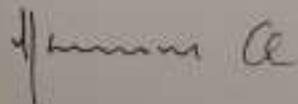
##### 2. Coimbatore Institute of Technology

Dr.A.Kannammal  
Professor & Head  
Department of Decision and Computing Sciences  
Coimbatore Institute of Technology  
Civil Aerodrome Post  
Coimbatore, Tamil Nadu 641014  
Mobile: +91 97864 92000

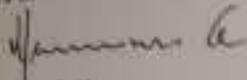
#### MoU

Both the Institution and STPL value the spirit of this MoU and would strive to continuously develop its various features.

Signed at Coimbatore Institute of Technology, Coimbatore on 27/11/2020



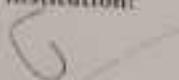
For STPL:



Mr. A. Sampath Kumar  
Executive Director  
SUPER TRANSPORTS PRIVATE LIMITED  
Coimbatore 641018



For Institution:

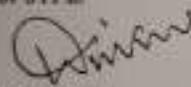


Dr. V. Selladurai  
Principal  
COIMBATORE INSTITUTE OF TECHNOLOGY  
Coimbatore 641014

Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, PIPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

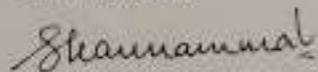
Witness:

For STPL:



Mr. V. Dinesh  
Senior Business Manager  
Super Transport Private Limited  
Coimbatore 641018

For Institution:



Dr. A. Kannammal  
Professor & Head  
Dept of Decision & Computing Sciences  
Coimbatore Institute of Technology  
Coimbatore 641 014

Dr. A. M. J.

**SUPER TRANSPORTS (P) LTD.,**

08.11.2020

To

Ms. Priyadharshini Jayadurga N  
 2/3 B Middle Street,  
 Ramuthevarpatti, Kundaleruppu  
 Virudhunagar - 626 131

Dear Miss. PRIYADHARSHINI JAYADURGA N,

This is in continuation to your personal interview had with us on 22<sup>nd</sup> Oct 2020, we are pleased to inform that you have been selected for the post of "DATA ANALYST" under Graduate Trainee Programme.

You will be paid consolidated stipend of ₹12,000/- (Twelve Thousand Only) per month, which you had agreed upon.

Looking forward to have you on board as soon as possible.

Thanking You,

For SUPER TRANSPORTS PRIVATE LIMITED

**A. SAMPATH KUMAR**  
 EXECUTIVE DIRECTOR



**Administrative Office**  
 8/238, Tully Road  
 Coimbatore - 641 016  
 Tel: 0422 - 2478290  
 95851 - 13333

**Registered Office**  
 M. Chandrababu Naidu  
 Jayadharshini Road  
 Kairat - 626 132

Dr. A. M. J.  
 08.11.2020

Ms. PRIYADHARSHINI JAYADURGA N  
 2/3 B Middle Street,  
 Ramuthevarpatti, Kundaleruppu  
 Virudhunagar - 626 131



18/08/2021

**TO WHOM IT MAY CONCERN**

We thank Dr.A.Kannammal, Professor & Head, and the students team from the Department of Decision and Computing Sciences, Coimbatore Institute of Technology for their consultancy contributions towards the development of a Mobile Application for Sales Department, between February 2021 and August 2021. During this period, we have found their contribution inquisitive, creative, diligent and meticulous.

We wish them every success in all future endeavours in life.

For Super Transports Private Limited

A.Sampath Kumar  
Executive Director



**Administrative Office :**  
B/1235, Trichy Road, Coimbatore - 641 018.  
Tel : 0422 - 2209090, 95851 - 13333

**Registered Office :**  
Mochakottampallyam, Viswanathapur Post, Karur - 639 002.  
Tel : 04324 - 280510, 286511. Email : info@lgtpvtl.co.in

**GSTIN :**  
TN - 33AAACS4960Q12X  
KL - 32AAACS4960Q1ZZ  
PDY - 34AAACS4960Q12V



18/08/2021

## TO WHOM IT MAY CONCERN

We thank Dr.A.Kannammal, Professor & Head, Department of Decision and Computing Sciences, Coimbatore Institute of Technology for her research & consultancy contributions for successful design and development of software tool on "Machine Learning Models for Customer Segmentation and Sales Forecasting" between November 2020 and May 2021.

During this period, we have found her contribution inquisitive, creative, diligent and meticulous.

We wish her every success in all future endeavours in life.

For Super Transports Private Limited

A.Sampath Kumar  
Executive Director





18/08/2021

## TO WHOM IT MAY CONCERN

We thank Dr.A.Kannammal, Professor & Head, and Ms.Ramiya Rajendran, Assistant Professor, and the students team from the Department of Decision and Computing Sciences, Coimbatore Institute of Technology for their consultancy contributions towards our Digital Marketing Project between November 2020 and March 2021. During this period, we have found their contribution inquisitive, creative, diligent and meticulous.

We wish them every success in all future endeavours in life.

For Super Transports Private Limited

A.Sampath Kumar  
Executive Director



**Administrative Office :**  
8/1238, Trichy Road, Coimbatore - 641 018  
Tel : 0422 - 2209090, 95851 - 13333

**Registered Office :**  
Mochakottampalayam, Vivanathapur Post, Karur - 639 002  
Tel : 04324 - 286510, 286511, Email : info@sgstpl.co.in

**GSTIN :**  
TN - 33AAACS4960Q1ZK  
KL - 32AAACS4960Q1ZZ  
PDY - 34AAACS4960Q1ZV



தமிழ்நாடு தமில்நாடு TAMILNADU

6-9-2019 The Principal CIT  
Cbe

T. Kavitha BX 171733  
T. KAVITHA  
STAMP  
1/28-A, SANGHVI ROAD, COIMBATORE  
VELLALORE  
TAMILNADU  
REF. No: 173283/2008/4



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
COIMBATORE INSTITUTE OF TECHNOLOGY  
AND  
M/S.MASQUARE ENGINEERS Pvt Ltd, COIMBATORE

Preamble

THIS MEMORANDUM OF UNDERSTANDING hereinafter called MoU is arrived between Coimbatore Institute of Technology, Avinashi Rd, Civil Aerodrome Post, Peelamedu, Coimbatore, Tamil Nadu 641014, Tamil Nadu, India, hereinafter referred to as CIT and MASQUARE, Coimbatore. This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and MASQUARE through co-operation in the fields of Construction & Consultancy Industry, Industry Requirements, Student Mentoring, Knowledge on Software Design and Applications, in plant training, workshops and Consultancy Services on the basis of equality and mutual benefits.

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### 1.0 Justification

The main focus here to develop the practical experience and exposure to the students for the construction and consultancy industry requirements once they entering field or looking for opportunities. It is mainly focused to develop students skills to meet up the industry requirements when completing they graduate from CIT. And also the institute expert's knowledge, research facilities will help MASQUARE to resolve some practical problems. In addition to this, conducting workshop through this collaboration will help the practitioners or field engineers to enhance their skill.

### 2.0 Objectives

- To provide technical sessions to students for industrial requirements/need
- To provide technical sessions of software design and live projects design to students
- To provide technical sessions on faculty development program
- To provide students to visit ongoing projects to develop knowledge about industry standards
- To provide students to have in plant training
- To support Masquare to organise any seminar or workshop for Students/Faculty/Field engineers with support of MASQUARE and Coimbatore Institute of Technology faculties.
- To support student projects in terms of guidance, resource usage and help them to choose more practical related topics.

### 3.0 Role of collaborating parties

- The parties will support co-operation in the fields of Training, Technical Sessions, and Consultancy on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.

#### 3.1 Coimbatore Institute Of Technology

- To propose the training module to be considered for training the faculties and students
- To suggest the team of students interested in taking projects in Designs & Construction
- To provide access to facilities in institute to conduct workshop or seminar for field engineers and Masquare engineers
- To offer consultancy services to MASQUARE, at mutually agreed terms
- To involve MASQUARE experts in research projects as external examiner or co-guide for any Master's and Doctorate research projects.

#### 3.2 Masquare Engineers Pvt Ltd

- To provide technical sessions to students for industrial requirements/need
- To provide technical sessions of software design and live projects design to students
- To provide internship to students in Design and Construction projects
- To involve in programmes and projects of mutual benefit, that shall include visits and exchange of experts of technical personnel.
- To depute Experts from MASQUARE, as resource persons for guest lectures.
- To participate in conferences, symposia, courses, workshops, exhibitions and other joint meetings of mutual interest.
- To participate in joint training /educational programme to raise the level of competency of industry personnel.

#### 4.0 Terms of Reference

#### 4.1 Finance

The activities providing technical sessions / live project designs/guest lecturers are only chargeable based on mutually agreed terms and conditions by both the parties. Both the parties shall not have any obligation or commitments to either of the parties.

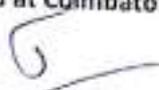
#### 4.2 Co-ordinating and Monitoring

- A co-ordinating committee will be constituted with one representative each from Coimbatore Institute of Technology and MASQUARE for implementing the activities.
- An annual review meeting will be arranged by the Co-ordinator of Coimbatore Institute of Technology inviting the executives from MASQUARE and review the progress of the collaborative activities.

#### 4.3 Validity

- This MOU will be valid for 3 years from the date of execution of this MOU.
- However, if both the parties agree to terminate this MOU, with one month notice, the same can be legally terminated.
- The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

Signed at Coimbatore on 19-03-2020

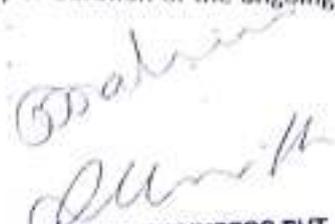
  
For and on behalf of  
Coimbatore Institute of Technology

Dr. V. SELLADURAI M.E., Ph.D.,  
FIE., FIEE., FIPE., FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA.

Witness:

Head of the Department  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Avinashi Rd, Civil Aerodrome Post,  
Peelamedu, Coimbatore,  
Tamil Nadu 641014

  
Dr. V.G. KALPANA, M.E., Ph.D.,  
Assistant Professor  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014

  
For MASQUARE ENGINEERS PVT. LTD.  
and on behalf of  
Masquare Engineers Pvt Ltd  
Directors

**DIRECTOR**

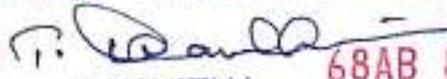




தமிழ்நாடு தமில்நாடு TAMIL NADU

The principal CIT

Cbe

  
T. KAVITHA  
STAMP V  
1/29-A, SAKTHI  
VELLALORE, C  
TAMIL  
REF. No : 7200 01/2000/4

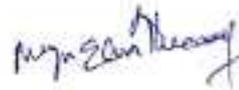
68AB 823663

29.8.2019

MEMORANDUM OF UNDERSTANDING  
BETWEEN  
COIMBATORE INSTITUTE OF TECHNOLOGY  
AND  
ACC LIMITED, COIMBATORE

Preamble

THIS MEMORANDUM OF UNDERSTANDING hereinafter called MoU is arrived between Coimbatore Institute of Technology, Avinashi Rd, Civil Aerodrome Post, Peelamedu, Coimbatore, Tamil adu 641014 Tamil Nadu, India, hereinafter referred to as CIT and ACC LTD, Coimbatore. This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and ACC Ltd through co-operation in the fields of Training, Testing, conducting Conferences and Consultancy Services on the basis of equality and mutual benefits.



### 1.0 Justification

Recently there has been a lot of innovation, in terms of new products or alternate to Portland cement being developed globally in the research institutions. Markets also witness various new products in the cement and also some advancement in the cement manufacturing process. Exposure of the manufacturing process for research students, faculty and under or post graduate students will help them to gain the actual practical and manufacturing process knowledge. And also the institute expert's knowledge, research facilities will help the industry to resolve some practical problems. In addition to this, conducting workshop through this collaboration will help the practitioners or field engineers to enhance their skill.

### 2.0 Objectives

- To provide training to faculty and students of Coimbatore Institute of Technology, on cement and concrete testing.
- To provide exposure on cement manufacturing process through visits and training.
- To provide support to students and faculty, to utilize of the lab facilities for testing of cement and concrete.
- To provide access to ACC to utilize the Coimbatore Institute of Technology lab facility for testing of cement and concrete.
- To support ACC to organise any seminar or workshop for their engineers or field engineers with support of ACC and Coimbatore Institute of Technology faculties.
- To support student projects in terms of guidance, resource usage and help them to choose more practical related topics.

### 3.0 Role of collaborating parties

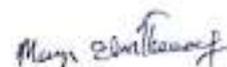
- The parties will support co-operation in the fields of Training, Testing, and Consultancy on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.

#### 3.1 Coimbatore Institute of Technology

- To propose the training module to be considered for training the faculties and students
- To suggest the team of students interested in taking projects in cement and concrete
- To provide access to facilities in institute to conduct workshop or seminar for field engineers and ACC engineers
- To offer testing and consultancy services to ACC, at mutually agreed terms
- To consider to use ACC cement for any construction in institute
- To involve ACC experts in research projects as external examiner or co-guide for any Master's and Doctorate research projects.

#### 3.2 ACC LTD

- To arrange industry visits for Coimbatore Institute of Technology faculties and students and extend the training on basic manufacturing process of cement
- To provide internship to students in Cement and Concrete.
- To involve in programmes and projects of mutual benefit, that shall include visits and exchange of experts of technical personnel.
- To depute Experts from ACC, as resource persons for guest lectures.
- To participate in conferences, symposia, courses, workshops, exhibitions and other joint meetings of mutual interest.
- To participate in joint training /education programme to raise the level of competency of industry personnel.
- To appoint prospective students of Civil Engineering after the completion of their studies.



#### 4.0 Terms of Reference

##### 4.1 Finance

The activities which are not stated in this MoU shall be chargeable based on mutually agreed terms and conditions by both the parties. Both the parties shall not have any obligation or commitments to either of the parties.

##### 4.2 Co-ordinating and Monitoring

- A co-ordinating committee will be constituted with one representative each from Coimbatore Institute of Technology and ACC LTD for implementing the activities.
- An annual review meeting will be arranged by the Co-ordinator of Coimbatore Institute of Technology inviting the executives from ACC LTD and review the progress of the collaborative activities.

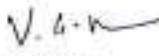
##### 4.3 Validity

- This MoU will be valid for 3 years from the date of execution of this MoU.
- However, if both the parties agree to terminate this MoU, with one month notice, the same can be legally terminated.
- The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

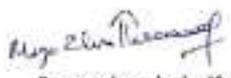
Signed at Coimbatore on 19.02.2020

  
For and on behalf of  
Coimbatore Institute of Technology

Dr. V. SELLADURAI M.E., Ph.D.,  
FIE., FIEE., FIPE., FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA.

  
Witness:  
Head of the Department  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Avinashi Rd, Civil Aerodrome Post,  
Peelamedu, Coimbatore,  
Tamil Nadu 641014

  
Dr. V.G. KALPANA, M.E., Ph.D.,  
Assistant Professor  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014

  
For and on behalf of  
ACC Limited

**ACC Limited**  
**SU Coimbatore**  
No.8, Rakavi's Square (2nd Floor)  
Rahuman Sait Colony  
Sowripalayam Road ;  
Ramanathapuram  
Coimbatore - 641 045

**The Institution of Engineers (India)**

**Students' Chapter**

**Department of Civil Engineering**

**COIMBATORE INSTITUTE OF TECHNOLOGY**

**(Government Aided Autonomous Institution Affiliated to Anna University)**

**COIMBATORE**

The Institution of Engineers (India)

Students' Chapter

in

Association with

ACC CEMENTS, Coimbatore



Cordially invite you for the

**TECHNICAL TALK**

on

**Understanding of IS 456 : 2000**

**Part - 1**

for

**B.E Civil Engineering Students**

**Speaker of the Day**

**Er.Murugu Elanthendral M.E.,**

Technical Manager

ACC Cements, Coimbatore

**Venue : G-Meet**

**Date : 23.09.2020, Wednesday**

**Time : 4.00 pm**

**All are Invited**

He proposed the difference between rusting and corrosion. Rusting is an oxidation process whereas corrosion is an electrochemical reaction. He listed the pH of few materials (Concrete-13, Brick-10 or 11). In order to prevent corrosion, grade of steel and concrete mortar should be high.

Then he moved on to cement grade. Various grades of cement are 33,43,53. He put forth that Grade 33 is no longer available in market and 43 grade cement is most commonly used in all constructions. 33,43,53 indicates the fineness of cement. OPC shows great resistance to cracking and shrinkage. OPC is used for immersed structures and it imparts high strength. Mortar ratio 1:3 is opted which is derived from 200g of cement : 600g of sand.

Crazing cracks are associated with early surface drying leading to shrinkage of concrete. He suggested that it can be minimized or even prevented by curing the surface as soon as possible after final finishing. Cracks in roof slab occurs at the edges. Due to heat the steel expands leading to crack and hence the projection is given.

Leaching of lime is due to reaction of Bogue's compound. He added that this can be prevented by adding lime and GGBS in mortar mixtures. Plastic shrinkage usually occurs prior to final finishing, before curing starts. It occurs either cement or water cement ratio is more in the concrete. The only way to avoid plastic shrinkage cracks is early curing.

At last he concluded the session by giving the mail id([constructeasy@yahoo.com](mailto:constructeasy@yahoo.com)) for further queries.

From  
Dr.M.Kaarthik,  
Assistant Professor,  
Department of Civil Engineering,  
Coimbatore Institute of Technology,  
Coimbatore - 641014

To a/c  
Rajin  
12/7/2021

To  
The Principal  
Coimbatore Institute of Technology,  
Coimbatore - 14.

Through: The Head of Department, Civil Engineering

Respected Madam

Sub : Remuneration for Industrial expert - one credit course -IV Semester B.E Civil Engg  
Students - Reg.

The IV-Semester B.E Civil Engineering Lateral Entry Students has undergone one credit course titled **19CEOC01 Building Construction Processes-An Overview**, during the period March 5 to April 9, 2021 and the detailed schedule is attached with this letter. The course was handled by Er.Murugu Elanthendral, SU Incharge - Customer Support & Service, ACC Limited, Bengaluru as per the guidelines of one credit course. In this regard I kindly request you to sanction remuneration amount Rs.12000 for the same to him. The account detail of Er.Murugu Elanthendral is attached herewith.

Thanking you

Date: 12/07/21

Place: Coimbatore - 14

Yours truly

M. Kaarthik  
12/7/21

Forwarded to the  
Principal  
V.C.V.  
12/07/2021

H.O.D., (CIVIL)  
C.I.T., Coimbatore-14

From  
Dr.M.Kaarthik  
Assistant Professor,  
Department of Civil Engineering,  
Coimbatore Institute of Technology,  
Coimbatore - 641014

To  
The Principal  
Coimbatore Institute of Technology,  
Coimbatore - 14.

To A/c  
Pjm  
10/3/2022

Through: The Head of Department, Civil Engineering

Respected Madam

Sub : Remuneration for Industrial expert - one credit course -IV Semester B.E Civil Engg Students - Reg.

The IV-Semester B.E Civil Engineering Lateral Entry Students has undergone one credit course titled **19CEOC01 Building Construction Processes-An Overview**, during the period March October 23, 2021 to November 27, 2021 and the detailed schedule is attached with this letter. The subject was handled by Er.Murugu Elanthendral, SU Incharge - Customer Support & Service, ACC Limited, Bengaluru. As per the guidelines of one credit course I request you to sanction remuneration amount Rs.15000 to the same. The account detail is attached with this letter.

Thanking you

Yours truly

Date: 09/03/22

Place: Coimbatore - 14

M.Kaarthik  
9/3/22

Forwarded to  
The Principal

V.G.V  
09/03/2022

H.O.D., (CIVIL)  
C.I.T., Coimbatore-14.

Accounts  
N. Prasanth  
10/3/2022

(N-Prasanth)

A/c  
11/03/2022



COIMBATORE INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING

20/10/2021

CIRCULAR

The one credit course titled 19CEOC01 Building Construction Processes-An Overview, is scheduled for B.E Civil Engineering III – Semester students through online mode (Google meet) from October 23, 2021. The detailed schedule is as follows

Sl.No	Date	Time
1	23/10/2021	3.00 PM to 5.00 PM
2	30/10/2021	3.00 PM to 5.00 PM
3	06/11/2021	3.00 PM to 5.00 PM
4	13/11/2021	3.00 PM to 5.00 PM
5	14/11/2021	10.30 AM to 12.30 PM
6	20/11/2021	3.00 PM to 5.00 PM
7	27/11/2021	3.00 PM to 6.00 PM

Google Meet Link:

<https://meet.google.com/zsb-fisj-rdr>

Copy to

1. Tutors of 2<sup>nd</sup> Year B.E Civil Engineering
2. Department File
3. Class Notice Boards.

*V. G. V.*  
20/10/2021  
Head, Department of Civil Engineering  
H.O.D., (CIVIL)  
C.I.T., Coimbatore - 14



भारतीय गैर न्यायिक

बीस रुपये

रु.20

Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

2.7 JUN 2019  
தமிழ்நாடு தமிழ்நாடு TAMIL NADU ந. கோமலதா 68AB 651521  
முத்திரை காரி விற்பனையாளர்  
மாண்புமிகு நீதி மன்றம்  
கோயமுத்தூர், தமிழ்நாடு.  
எண் : 14/82/B1/84  
Coimbatore Institute  
Teelmay  
Coimbatore 14

**MEMORANDUM OF UNDERSTANDING (MoU)**

This Memorandum of Understanding is made on 27<sup>th</sup> January 2020 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. **MJP Enterprises Private Limited**, 4/52 A N.G.R. Street, Kalapatti, Coimbatore - 641048 hereinafter called '**MJP Enterprises Pvt. Ltd**' and includes its assigns, legal heirs and successors of Part-I, represented by its **Whole Time Director Shri. K.P. Jegadheesh Raaj**

AND

**COIMBATORE INSTITUTE OF TECHNOLOGY**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called '**CIT**' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladurai**.

*[Handwritten signature]*

*[Handwritten signature]*

**MJP Enterprises Pvt. Ltd** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work and the details are reduced into this MoU for future reference.

## **PREAMBLE**

**MJP Enterprises Pvt. Ltd** and **CIT**, which has learned faculty with good Industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & Special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## **TERMS AGREED**

### **1. Industrial Visit**

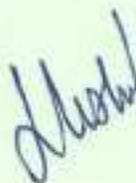
Subject to operational feasibility, **MJP Enterprises Pvt. Ltd** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **MJP Enterprises Pvt. Ltd** by **CIT** prior to a period of two weeks.

### **2. In-plant Training & Certificate and other necessary skill development training**

**MJP Enterprises Pvt. Ltd** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from Institution as a token of representation.

### **3. Guest Lecture**

**MJP Enterprises Pvt. Ltd** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **MJP Enterprises Pvt. Ltd**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **MJP Enterprises Pvt. Ltd**, on mutual consent.



#### 4. Project Work

**MJP Enterprises Pvt. Ltd** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

#### 5. Research & Development

**MJP Enterprises Pvt. Ltd** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

#### 6. Problem Solving

Problems identified in thrust areas during the course of interaction between the **CIT** and **MJP Enterprises Pvt. Ltd** will be addressed through collaborative work between **CIT** and **MJP Enterprises PVT. LTD** for further research and problem solving.

#### 7. Studies and Survey

**MJP Enterprises Pvt. Ltd** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

#### 8. Placements

As and when deemed necessary, **MJP Enterprises Pvt. Ltd** will guide and assist the students of **CIT** in getting better Industrial placements.

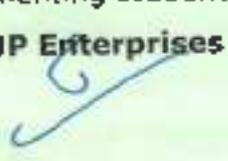
#### 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **MJP Enterprises Pvt. Ltd** will function as its Secretaries for the purpose of communication and coordination.

#### 10. Validity and Termination

This MoU takes effect from **27<sup>th</sup> January 2020** and valid for the period of **FIVE** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the students. While these common facilities of **MJP Enterprises Pvt. Ltd** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by **MJP Enterprises Pvt. Ltd** upon mutual consent.

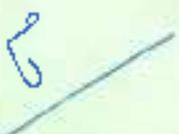


CIT is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to **MJP Enterprises Pvt. Ltd** in the routine outbound learning and training related activities. In the event of any damage or loss incurred at **MJP Enterprises Pvt. Ltd** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

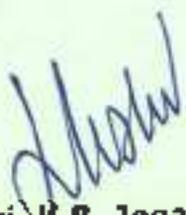
Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON **27<sup>th</sup> January 2020** AT COIMBATORE.

For **COIMBATORE INSTITUTE OF TECHNOLOGY**

  
**Dr V Selladurai**  
**PRINCIPAL**  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**RE., FIE., FIPE., Sc.M (ORSI) LPM (SSI)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014, INDIA**

For **MJP ENTERPRISES Pvt. Ltd**

  
**Shri. H.B. Jegadheesh Raaj**  
**WHOLE TIME DIRECTOR**

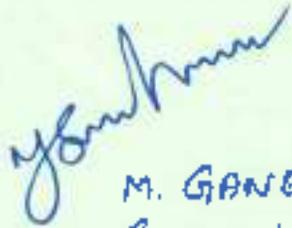
**M J P Enterprises Private Limited**  
4/52-A, N. G. R. Street,  
Kalapatti, Coimbatore- 641 048.

**Witness:**

1)

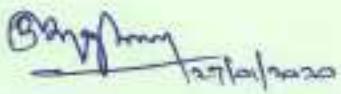
  
**Dr. K. MARIMUTHU, Ph.D.,**  
**PROFESSOR AND HEAD OF MECHANICAL ENGINEERING**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE - 641 014, INDIA**

3)

  
**M. GANESHKUMAR**  
**General Manager.**

**M J P Enterprises Private Limited**  
4/52-A, N. G. R. Street,  
Kalapatti, Coimbatore- 641 048.

2)

  
**Dr.G.SURESH KANNAN,M.E.Ph.D.**  
**Associate Professor.**  
**Dept Of Mechanical Engineering**  
**Coimbatore Institute of Technology**  
**Coimbatore - 641014.**

4)

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமிழ்நாடு TAMIL NADU

76AB 459221

27.01.2020 Coimbatore Institute of  
Technology  
cbe

N. SUMATHI  
STAMP VENDOR  
SARAVANAMPATTY  
COIMBATORE 641 035  
Rel. No: 540/161/2013

### Memorandum of Understanding

The memorandum of Understanding(MoU), effective on the date it is signed by official representatives, is entered into by and between COIMBATORE INSTITUTE OF TECHNOLOGY, Civil aerodrome post, Coimbatore-641014, Tamil Nadu, India and HACKUP TECHNOLOGY having its office at, 14A,1st Street, Sivanandhapuram, Saravanampatty post, Coimbatore - 641035 Now both the parties have agreed and consented to the following terms and deeds in pursuance of a common intent to promote and develop interactions in the following areas.

2  
For and on behalf of  
Dr. V. Selladurai  
Principal  
Coimbatore Institute of Technology  
Coimbatore



Dinesh Paranthagan  
27/01/2020  
For and on behalf of  
Mr. Dinesh Paranthagan,  
Founder & CEO,  
HackUp Technology  
Coimbatore



### **I Background:**

HackUp Technology, a renowned software development company which is specialized in Cyber Security.

Coimbatore Institute of Technology, a highly reputed Technical Institution is committed to impart high quality education and training to its students to make them World-class engineers with a foresight to the changes and problems, and pioneers to offer innovative solutions to benefit the nation and the world at large.

### **II Purpose:**

This MoU sets down a framework for collaboration between the organizations to enhance contribution in scientific research and training using the expertise and facilities available.

### **III Area of collaboration**

The Memorandum of Understanding (MoU) provides for collaboration between **Coimbatore Institute of Technology and HackUp Technology** in various ways.

#### **Responsibilities of HackUp Technology**

1. **External Projects Execution** – Projects can be taken in co-operation with **HackUp Technology and Coimbatore Institute of Technology**. HackUp Technology employee will guide the project till the successful completion of the project. Project can be occurring either in college campus or **HackUp Technology**
2. **Research Guidance:** HackUp Technology will guide and give supports to the faculty and students with our core IT domain based on the requirement.
3. **Faculty Development Programme (FDP):** HackUp Technology can conduct FDP Seminar/Workshop to the Computer Applications (MCA) faculty / students with the recent trends in IT domain at an affordable cost.
4. **Conference and Workshop:** Coimbatore Institute of Technology can organize Conference and Workshop in collaboration with **HackUp Technology**
5. **Special Lectures:** HackUp Technology would extent special lecture to both Faculties and Students at **Coimbatore Institute of Technology** to update their level of skills.
6. **R&D:** HackUp Technology would provide the assistance on research and development activities carried by the students and faculty.

For and on behalf of  
**Dr. V. Selladurai**  
Principal  
Coimbatore Institute of Technology  
Coimbatore



For and on behalf of  
**Mr. Dinesh Paranthagan,**  
Founder & CEO,  
HackUp Technology  
Coimbatore



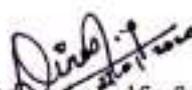
7. **Training and Placement/Internship:** HackUp Technology would deploy trainer to train the students based on the requirement from the institution, the training will be taken by "real time experts" who is engaged with real time projects at an affordable course fee. On successful completion of the training students evaluation will happen based on the man power requirements of the company, the affordable and the suitable candidate will be absorbed as trainees.
8. **Incubation Centre:** HackUp Technology will support to establish the incubation Centre at Coimbatore Institute of Technology to carry over research / projects in the field of Cyber Security.

**Responsibilities of Coimbatore Institute of Technology, Coimbatore**

1. Coimbatore Institute of Technology will provide necessary space and other infrastructure like computers, printers, UPS, furniture and fixtures, supporting facilities, video and audio, etc., at Coimbatore Institute of Technology will have exclusive right to operate the HackUp Technology inside the college campus subject to the terms of this agreement.
2. Coimbatore Institute of Technology will ensure that each participating student has access to relevant hardware and software.
3. Coimbatore Institute of Technology will provide its expertise for research and development work required by assigning faculty members from the Departments of Computer Applications who will be responsible in interaction and correspondence with you towards successful achievement of the tasks arises as and when required.
4. Coimbatore Institute of Technology will provide their proficiency in finding solutions for various problems faced by industry during development and implementations.
5. Coimbatore Institute of Technology will permit to utilize their library facilities.
6. Coimbatore Institute of Technology agrees to take up consultancy from you and complete the task within the stipulated time.
7. Coimbatore Institute of Technology in discussion with HackUp Technology will undertake any special or specific promotional campaigns and the costs will be shared as agreed to by parties in advance.
8. Coimbatore Institute of Technology undertakes not to forward or disclose any information concerning the specifics of this agreement to any third party without the prior written consent of HackUp Technology

  
For and on behalf of  
**Dr. V. Selladurai**  
Principal  
Coimbatore Institute of Technology  
Coimbatore



  
For and on behalf of  
**Mr. Dinesh Paranthagan,**  
Founder & CEO,  
HackUp Technology  
Coimbatore



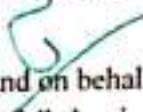
9. **Coimbatore Institute of Technology** will not permit any practice that may be detrimental to the trademarks or goodwill or reputation of **HackUp Technology** or its services.
10. **Coimbatore Institute of Technology** use of any of the trademarks will be strictly in accordance with **HackUp Technology** instructions.

#### **FORCE MAJEURE**

No party shall be liable to the other if and to the extent, that the performance of any of its obligators under this agreement is prevented, restricted or interfered due to the circumstances beyond the reasonable control of such party including but not limited to Government Legislation, fire, flood, explosion, epidemics, accidents, Act of God, wars, riots, strikes, lockouts or other connected acts of workmen and act of Government.

#### **Terms of Agreement and Termination of Agreement**

1. This agreement is effective from the date of signing by **HackUp Technology** and shall be valid for a period of Three Years (36 months) from the date of agreement. The parties may renew this agreement for further periods on mutually agreed terms.
2. Either party may terminate this agreement by giving not less than 3 months notice to the other party.
3. Notwithstanding the stipulation in above clause, each party is entitles to terminate this agreement immediately on any other party committing the breach, which is not insignificant and such party does not remedy such breach within 30 days from written notice by the other party requiring the default party to remedy the same.
4. In the event of termination of the agreement, for whatever reasons, both the parties agree to fulfill their respective commitments to the already registered batch of students as if the agreement is still in force.
5. On termination of this agreement, neither party will be entitled to claim any compensation or damages for or in respect of or by reason of such termination, except where such claim is based on the default of the pother party.
6. Neither party will in any event be liable to the other party under this agreement for loss of profit, loss of business, loss of revenue or for any indirect, incidental or consequential damages whether or not the possibility of such damage could have been reasonably foreseen.

  
For and on behalf of  
**Dr. V. Selladurai**  
Principal  
**Coimbatore Institute of Technology**  
Coimbatore



  
For and on behalf of  
**Mr. Dinesh Paranthagan**  
Founder & CEO,  
**HackUp Technology**  
Coimbatore



## ARBITRATION

1. All disputes or differences whatsoever arising between the parties out of or relating to the construction, meaning and operation or effect of this contract or the breach thereof shall be settled by arbitration with the Rules of Arbitration of the Indian Council of Arbitration at Coimbatore only and the award made in pursuance thereof shall be binding on the parties.

  
For and on behalf of  
**Dr. V. Selladurai**  
Principal  
Coimbatore Institute of Technology  
Coimbatore



  
For and on behalf of  
**Mr. Dinesh Paranthagan,**  
Founder & CEO,  
HackUp Technology  
Coimbatore

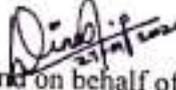


HACKUP TECHNOLOGY ACKNOWLEDGES THAT THE HACKUP TECHNOLOGY HAS READ THIS AGREEMENT, UNDERSTANDS IT AND AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS. FURTHER, HACKUP TECHNOLOGY AGREES THAT THIS, TOGETHER WITH ANY SUPPLEMENT OR SCHEDULE OF CHARGES, IS THE COMPLETE AND EXCLUSIVE STATEMENT OF THE AGREEMENT BETWEEN THE PARTIES, WHICH SUPERSEDES ALL PROPOSALS OR PRIOR AGREEMENTS, ORAL OR WRITTEN, AND ALL OTHER COMMUNICATIONS BETWEEN THE PARTIES RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT.

Signed at **COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE** on this the day of **27.01.2020**, 2019.

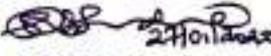
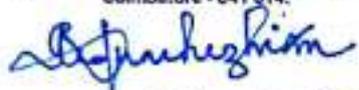
  
For and on behalf of  
**Dr. V. Selladurai**  
Principal  
Coimbatore Institute of Technology  
Coimbatore



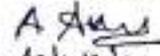
  
For and on behalf of  
**Mr. Dinesh Paranthagan,**  
Founder & CEO,  
HackUp Technology  
Coimbatore



### Witnesses

- 1)   
**Dr. R.S. SOMASUNDARAM, Ph.D.,**  
Professor and Head  
Department of Computer Applications,  
Coimbatore Institute of Technology,  
Coimbatore - 641 014.
- 3) 

**Dr. R. Nedunchezian**  
Professor  
Department of CSE  
Coimbatore Institute of Technology  
Coimbatore - 641 014

- 2)   
**P. Gaurisankar Palanisamy**
- 4)   
**Ashok Kumar A.**



INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No. : IN-KA90972924579304S  
 Certificate Issued Date : 24-Jan-2020 02:30 PM  
 Account Reference : NONACC (FI)/ kaksfcl08/ BILEKAHALLI/ KA-BA  
 Unique Doc. Reference : SUBIN-KAKAKSFGL0894931381777614S  
 Purchased by : EMURGO LEARNING SOLUTIONS PVT LTD  
 Description of Document : Article 12 Bond  
 Description : MEMORANDUM OF UNDERSTANDING  
 Consideration Price (Rs.) : 0  
 (Zero)  
 First Party : EMURGO LEARNING SOLUTIONS PVT LTD  
 Second Party : COIMBATORE INSTITUTE OF TECHNOLOGY  
 Stamp Duty Paid By : EMURGO LEARNING SOLUTIONS PVT LTD  
 Stamp Duty Amount (Rs.) : 20  
 (Twenty only)

For Secretary Firm Stamp Duty  
Credit Debit and Bank Challan Ltd. (R)

*Mr. S.*

Branch Manager / Secretary  
Emurgo Learning Solutions Pvt Ltd - 580 375



Please write or type below this line

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("the MoU") made and entered into on this 28th Day of January 2020 ("effective date") by and between:



EMURGO Learning Solutions Private Limited [a wholly owned subsidiary of EMURGO Education Pte Limited, Singapore], a Company incorporated under The Companies Act

**Statutory Alert:**

1. The authenticity of the Stamp Certificate should be verified at "www.stampsindia.com". Any discrepancy in the details on the Certificate and its availability on the website renders it invalid.
2. The details regarding the legitimacy to be the basis of the certificate.
3. In case of any discrepancy please inform the Department Authority.

1956, having its registered offices at AXIS praha,4th floor, west wing, 20/8 Ranka colony Road, Munivenkatappa layout, Bilekahali, Bangalore, Karnataka, India (hereinafter referred to as "EMURGO Academy") (which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns) of the ONE Part And

Coimbatore Institute of Technology, an Institution having its campus at Coimbatore, Tamil Nadu (hereinafter referred to as "Academia Partner", which expression unless repugnant to the context or meaning thereof shall mean and include successors in interest and permitted assigns) acting through its Authorized Signatory of the OTHER PART;

EMURGO Academy and Academia Partner shall collectively to be referred as the 'parties' and individually as 'party' wherever the context permits.

#### WHEREAS

EMURGO is the official commercial and venture arm of the Cardano project – Mission towards 3rd Generation Blockchain, registered in Tokyo, Japan since June 2017 and in Singapore since May 2018. EMURGO is uniquely affiliated and works closely with IOHK to grow Cardano's ecosystem globally and promote the adoption of the Cardano blockchain.

EMURGO Ignitive Labs – is the Initiative of EMURGO Academy for Universities / Institutions to spearhead the Blockchain Eco-System within the premises of Universities /Institutions.

EMURGO Academy and Academia Partner have decided to get into a strategic partnership and run EMURGO Ignitive Labs at the college premises as per the agreed terms mentioned in this MoU. The parties have discussed and formed an understanding to undertake and execute EMURGO Ignitive Labs as agreed to produce in writing on mutually agreed terms and conditions in this MOU.

NOW THEREFORE, the parties hereby agree as follows:

#### 1. SCOPE / PURPOSE OF MOU

- I. Each Party to perform the roles and responsibilities as per Annexure – A & B of this MOU for the successful completion of the Project within the timelines. The parties will pool their respective resources and expertise and work together in the matter for executing the Project.
- II. EMURGO ACADEMY will set up an Incubation center within the campus and impart necessary Blockchain skills at various levels from introduction to research, create a complete ecosystem for blockchain inside the campus by harness, nurture, groom and incubate talent on Blockchain with unique SLP(Synchronized Learning Platform) and provide a Global Gateway to Students by providing access to Global Faculty / R & D Projects / Representation in Global Forums, internship / Project / Industry Collaboration leading to Career in Blockchain to the interested and



selected students from the pool of students who got trained in the Introduction to Blockchain Program.

III. Academia PARTNER to support EMURGO ACADEMY in the execution of the program by providing infrastructure and other support as specified in *Annexure-A & B*

2. **Entry Criteria:** All department and All semester students are eligible. However – content, delivery outcome and duration will vary depending on the academic cycle of the institution, since EMURGO Ignitive Labs operates inside the Campus.

### 3. USE OF EMURGO ACADEMY AND ACADEMIA PARTNER NAME:

The branding and logo can be used Each party will seek written approval from the other for using the other's name and promotional material for generation of business and during the performance of work under this MOU and further the party using such name and material will ensure that the same is utilized solely for the purposes for which approval has been obtained consequent to this MOU.

### 4. TENURE AND TERMINATION

- a) This MoU shall be valid with effect from ('effective date') and shall remain valid for a period of **THREE** years or the conclusion of the Project whichever is later.
- b) Either party may terminate this MOU upon 30 (thirty) calendar days' notice in writing to the other party. However, any outstanding work shall be completed to the satisfaction of Academia Partner unless it is mutually agreed otherwise.
- c) Termination of this MOU shall not nullify any payments due from Academia Partner to EMURGO Academy as on date of termination. Any such payment, due to EMURGO Academy shall be cleared in full by the Academia Partner within 30 (thirty) days of termination.

### 5. OWNERSHIP OF MATERIAL:

EMURGO ACADEMY shall retain the ownership of the Educational materials including but not limited to content, books, slides, write-ups, presentations, student handbooks, practical guides and such other materials as used by EMURGO ACADEMY.

### 6. CONFIDENTIALITY

Each party acknowledges that their confidential information constitutes valuable trade secrets and each party agrees that it shall use the confidential information of the other party solely in accordance with the provisions of this MoU and will not disclose or permit to be disclosed, the same, directly or indirectly, to any third party without the other party's prior written consent.



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**EMURGO Ignitive Labs High Points:**

- **Synchronized Learning Platform [SLP]** – EMURGO's one-of-its-kind Synchronized Platform is accessible to Students, Faculties & Industry. The salient features are as follows:
  - E-Learning Primer
  - Students Performance Tracking
  - Collaborative Learning
  - Recorded Lecture
  - Online – Global Faculty
  - Discussion Forum
  - Platform comprises & collaborates: Students / Faculties / Global Trainers & Industry for Internship / Career Progress
- **Internship / Career Progression**
  - Case Study
  - Internship within Cardano Platform / Associated Industry Partners
  - Participation in International Forums
  - Real Time / Online Projects
  - Digital Certification – Enables authenticity / easy to reach out to the right Employer / Globally recognized
  - Career Options with Associated Industry Partners

**EMURGO ACADEMY DELIVERABLES:**

- EMURGO ACADEMY will set up a Centre Of Excellence within the campus and impart necessary Blockchain skills at various levels from introduction to research, create a complete ecosystem for blockchain inside the campus by harness, nurture, groom and incubate talent on Blockchain with unique SLP(Synchronized Learning Platform) and provide a Global Gateway to Students by providing access to Global Faculty / R & D Projects / Representation in Global Forums, internship / Project / Industry Collaboration leading to Career in Blockchain to the interested and selected students from the pool of students who got trained in the Introduction to Blockchain Program.
- EMURGO will offer support to the Academia Partner to provide Blockchain technology as an elective course with the following agendas
  - a. Content support aligning to Industry and continuous update of the content as and when required
  - b. Provide Trainers and SMEs to train the students joining the elective in the form of electives/value added course
  - c. Work with administrators to launch the program and get it cleared out on all levels of Management and Board of studies
  - d. Support the students choosing the elective by offering them Internship and project support



- e. Support in setting up the curriculum, execution, QP setting and evaluation.
- Deploy its Synchronized Learning Platform (SLP) for the on-campus incubation center which is EMURGO Academy's one-of-its-kind platform accessible to Students, Faculties & Industry. This platform will be a one-point access to our e-learning platform, student performance tracking, recorded lectures, on-line global faculty, recorded lectures, discussion forum, and will create a space for collaborative learning.
- Will provide students to work on case studies, work on real time/ on-line projects and give them opportunity to participate in international forums, Internship within Cardano Platform and with Associated Industry Partners.
- Conduct assessments and certifications of candidates and Issue Digital Certification in a Globally recognized format which will enable authenticity and would make it easy for students to reach out to the right Employer.
- Provide career option with its associated industry partners through our Placement services.
- Will Set up of Program team and assign a program head for ease of coordination.
- The cost for running the Lab inside the campus, training the selected students, support in the placements, internship services can be decided based on the mutual agreement with the Academia Partner Institution post the execution of the Introduction Program inside the campus and understanding the count of students selected and interested in pursuing their career in Blockchain under the EMURGO certified training program.
- Students from the trained pool who have performed well basis the criteria agreed by the company would be given an opportunity for paid internship offer in our company / our partnered company in India or abroad during their final semester of their engineering program.
- Conduct audits, maintain and monitor overall program for quality of delivery.

**ACADEMIA PARTNER DELIVERABLES:**

- Space for incubation center. Size depends on the number of students
- Facility for students to work on with necessary power backup & high-speed internet
- Video Conferencing facility for International classes with Projector
- All students are expected to carry their Laptop with specifications recommended by EMURGO
- One faculty member from each department to be appointed as the SPOC from Institution side



- Since this involves international participation, provisions to be made to have late night / early morning workouts in the incubation center
- Coordinate and support in fees collection from the students to ensure a smooth flow in execution of the program

Annexure B

Institutional Training Proposal

Program Details	EMURGO Certification in Foundations of Blockchain
Courses Offered	Foundations of Blockchain & Ethereum
Course Duration (Hours)	45
Batch Plan / Schedule	As agreed mutually
Faculty	Faculties from EMURGO LEARNING SOLUTIONS PVT LTD
Course Materials	As per the enclosed proposal
Course timings	As agreed mutually
CIT to Provide	Classroom infrastructure with chairs, tables, whiteboard & markers, LCD projectors, Lab
EMURGO To Provide	(One System/Student) Power/ Electricity Experienced trainers Feedback about the students to college Test report at the end of the training
Course Fees	As agreed upon
Min No of Students	Agreed students

Note: 100% advance payment before the start of the program

*[Handwritten signature]*



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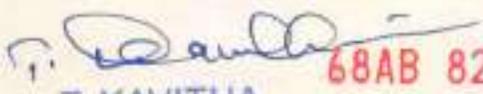
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RUPEES

INDIA NON JUDICIAL

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6-9-2019 The principal CIT  
Cbe

  
T. KAVITHA  
STAMP VELLALORE  
1/29-A, SAKTHIANGAR,  
VELLALORE, COIMBATORE  
TAMIL NADU  
REF. No : 737/2019/2006/4

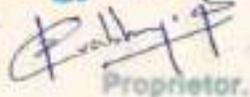


MEMORANDUM OF UNDERSTANDING  
BETWEEN  
DEPARTMENT OF CIVIL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE  
AND  
M/s. SYNERGY HOMES, COIMBATORE

PREAMBLE

THIS MEMORANDUM OF UNDERSTANDING herein after called MoU is arrived between Department of Civil Engineering, Coimbatore Institute of Technology, Avinashi Road, Civil Aerodrome Post, Peelamedu, Coimbatore, Tamil Nadu 641014, India, herein after referred to as CIT and M/s. SYNERGY HOMES, Coimbatore.

For Synergy Homes

  
Proprietor.

1

  
PRINCIPAL

COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014.



This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and M/s. SYNERGY HOMES through co-operation in the fields of Training, Testing and Consultancy Services on the basis of mutual benefits & interests.

### 1.0 JUSTIFICATION

Applications of Civil Engineering concepts also require an in-depth understanding of real time scenarios and requirements. It is not always possible to simulate these kinds of scenarios within the college premises and class rooms with the limitations of contact hours and infrastructural features. If the students are provided with an opportunity and a platform to get access to real time projects and design challenges, the relevance of applying their theoretical knowledge to solve real time problems can be revealed. Also the vast research knowledge of the faculty and the testing and computational facilities in the Institution shall provide a huge opportunity for the practising Engineers to obtain optimal solutions for problems which could not be solved at the design offices.

### 2.0 OBJECTIVES

- To provide training to faculty and students of Coimbatore Institute of Technology, on design & construction techniques.
- To provide exposure on construction Practices.
- To provide access to SYNERGY to utilize the Coimbatore Institute of Technology lab facility for testing & experimentations.
- To jointly develop incubation Centre which simulate a design office with students as the participants.
- To support student projects in terms of guidance, resource usage and help them in choosing more practical related topics.

### 3.0 ROLE OF COLLABORATING PARTIES

- The parties will support co-operation in the fields of Training, Testing, and Consultancy on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.



Synergy Homes

*[Signature]*  
Proprietor.

*[Signature]*  
PRINCIPAL

COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014.

### 3.1 COIMBATORE INSTITUTE OF TECHNOLOGY

- To propose the training module to be considered for training the faculties and students
- To suggest the team of students interested in taking projects in making of high strength CSEB blocks, samples design & construction.
- To offer testing and consultancy services to SYNERGY, at mutually agreed terms
- To collaborate and jointly execute design projects proposal by SYNERGY
- To involve SYNERGY experts in research projects as external examiner or co-guide for any Master's and Doctorate research projects.

### 3.2 SYNERGY

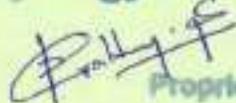
- To arrange industry visits for Coimbatore Institute of Technology faculties and students and extend the training on Construction Practices.
- To provide internship to students in Construction.
- To involve in programmes and projects of mutual benefit, that shall include visits and exchange of experts of technical personnel.
- To depute Experts from SYNERGY, as resource persons for guest lectures.
- To participate in joint training /education programme to raise the employability of students.
- To provide placement opportunities for Civil Engineering students after the completion of their course.

### 4.0 TERMS OF REFERENCE

#### 4.1 FINANCE

The activities which are stated in this MOU shall not be chargeable unless they are based on mutually agreed terms and conditions by both the parties. Both the parties shall not have any obligation or commitments to either of the parties.

For **Synergy Homes**

  
Proprietor.

3

  
**PRINCIPAL**  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014.



#### 4.2 CO-ORDINATING AND MONITORING

- A co-ordinating committee will be constituted with one representative each from Coimbatore Institute of Technology and SYNERGY for implementing the activities.
- An annual review meeting will be arranged by the Co-ordinator of Coimbatore Institute of Technology inviting the executives from SYNERGY and review the progress of the collaborative activities.

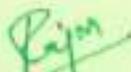
#### 4.3 VALIDITY

- This MOU will be valid for 3 years from the date of execution of this MOU.
- However, if both the parties agree to terminate this MOU, with one month notice, the same can be legally terminated.
- The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

Signed at Coimbatore Institute of Technology, Coimbatore on 6<sup>th</sup> November, 2019

For and on behalf of

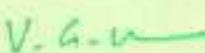
Coimbatore Institute of Technology

  
Principal

**PRINCIPAL**

COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014.

Witness:

1. 

Head of the Department

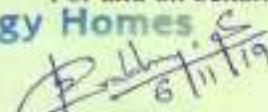
Department of Civil Engineering

Coimbatore Institute of Technology Avinashi Rd.

Civil Aerodrome Post, Peelamedu, Coimbatore.

Tamil Nadu 641014

For and on behalf of  
For Synergy Homes

  
6/11/19  
SYNERGY



2.   
6/11/19.

**Dr. M. KAARTHIK M.E., Ph.D**  
Assistant Professor  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014.



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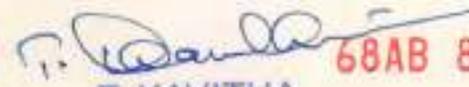
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6-9-2019 The principal CIT  
cbe

  
T. KAVITHA  
STAMP VENDOR  
1/29-A, SAKTHIANGAL ROAD,  
VELLALORE, COIMBATORE  
TAMILNADU  
REF. No : 73/03/1/2008/4

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MEMORANDUM OF UNDERSTANDING  
BETWEEN  
COIMBATORE INSTITUTE OF TECHNOLOGY  
AND  
GLOBAL LAB AND CONSULTANCY SERVICES

Preamble

THIS MEMORANDUM OF UNDERSTANDING hereinafter called MoU is arrived between Coimbatore Institute of Technology, Avinashi Road, Civil Aerodrome Post, Peelamedu, Coimbatore, Tamil Nadu 641 014, India, hereinafter referred to as CIT and Global Lab and Consultancy Services, SF No.92/3A2, Geetha Nagar, Alagapuram Pudur, Salem, Tamilnadu 636 016, India, hereinafter referred to as GLCS. This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and GLCS through co-operation in the fields of Training, Sampling & Testing, organising Conferences/Seminars, Research and Consultancy Services on the basis of equality and mutual benefits.

  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FIE., FIPE., FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA



## 1.0 Justification

Modern environmental engineers work on solutions to issues such as pollution control, Cleaner production, energy consumption and emissions, soil erosion, water treatment, effluent treatment and solid waste management in an effort to properly manage and maintain the quality of our Environment i.e. soil, water and air. This MoU is to establish the academic and research collaboration in all relevant and mutually agreed areas between CIT and GLCS. The knowledge sharing between Academic and Industry will help the industry to resolve some practical problems. Conducting Workshop/ Conference through this collaboration will also help and guide the environment management practitioners and field engineers to enhance their skillsets.

## 2.0 Objectives

- To promote research and continuing education activities between CIT and GLCS
- To provide support to students and faculty to utilise the laboratory facilities for sampling & testing and Consultancy.
- For Exchange of Students to do their curriculum project / Internship.
- To organise any Seminar / Conference or workshop for environment management practitioners & field engineers and faculty with support of Global Lab and Consultancy Services and Coimbatore Institute of Technology.

## 3.0 Role of Collaborating Parties

- The parties will support co-operation in the fields of Training, Sampling & Testing, Research and Consultancy on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.

### 3.1 Coimbatore Institute of Technology

- To propose the training module to be considered for training the faculties and students.
- To suggest the team of students interested in taking projects related to Environmental Engineering or Environment Management.
- To provide access to facilities in institute to conduct workshop or seminar for field engineers and faculty.
- To offer sampling & testing and consultancy services to Global Lab and Consultancy Services at mutually agreed terms.
- To consider the resources of Global Lab and Consultancy Services for any Environmental Engineering related works in the Institute.
- To involve experts from Global Lab and Consultancy Services in research projects as an external examiner or co-guide for any Master's research projects.
- To Support in Collaboration for Industry - Institute projects.

### 3.2 Global Labs and Consultancy Services

- To support the students and faculty members to visit the laboratory.
- To provide internship to students related to Environmental Engineering.
- To involve in programmes and projects of mutual benefit.
- To depute Experts as resource persons for guest lectures.
- To Support conferences, symposia, workshops, exhibitions and other joint meetings of mutual interest.
- To participate in joint training / education programme to raise the level of competency of industry personnel.
- To support prospective students of Environmental Engineering and Management related to carrier development after the completion of their courses.
- To Support in Collaboration for Industry - Institute projects.

5  
Dr. V. SELLADURAI, M.E., Ph.D.,  
F.I.E., F.I.E., F.I.P.E., FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA



#### 4.0 Terms of Reference

#### 4.1 Finance

The activities which are not stated in this MOU shall be chargeable based on mutually agreed terms and conditions by both the parties. Both the parties shall not have any obligation or commitments to either of the parties.

#### 4.2 Co-ordinating and Monitoring

- > A co-ordinating committee will be constituted with representative from Coimbatore Institute of Technology and Global Lab and Consultancy Services for implementing the activities.
- > An annual review meeting will be arranged by the Co-ordinator of Coimbatore Institute of Technology inviting the executives from Global Lab and Consultancy Services and review the progress of the collaborative activities.

#### 4.3 Validity

- > This MOU will be valid for 3 years from the date of execution.
- > However, if both the parties agree to terminate this MOU, with one month notice, the same can be legally terminated.
- > The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

For and on behalf of

Coimbatore Institute of Technology

  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FIPE, FORSI  
PRINCIPAL

COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA



Date: 27/9/19

Place: Coimbatore

For and on behalf of

Global Lab and Consultancy Services

  
EY. SENTHIL KUMAR  
COO & PARTNER

Global Lab and Consultancy Services

New D.No: 17, 1st Floor,  
Advaitha Asharamam Road,  
Fairlands,

Salem - 636 004. Ph: 0427-4055989



Witness:

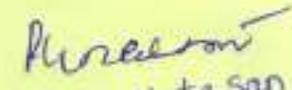
1.



Dr. R. Sathyanarayan Sridhar M.Tech., Ph.D.,  
Professor

Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014, India.

2.

  
Er. P.K. Natesan,

Advisor,  
Global Lab and Consultancy  
Services,  
Fairlands, Salem - 636 004.

3.



Dr. R. SARASWATHI, M.E., Ph.D.,  
Professor

Department of Civil Engineering  
Coimbatore Institute of Technology

4.

  
A. Mohammed Siraj Ansari, M.E.,  
Assistant Professor  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014.

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6-9-2019 The Principal CIT

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T. KAVITHA 68AB 824132

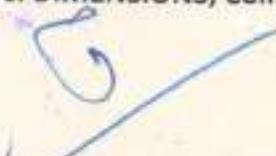
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1/29-A, SAKTHIESWARAR, VELLALORE, COIMBATORE  
TAMILNADU  
REF No: 7327/51/2008/4



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
DEPARTMENT OF CIVIL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE  
AND  
M/s. DIMENSIONS, COIMBATORE

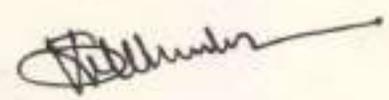
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Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FIEE., FIPE., FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

1



  
DIMENSIONS  
Dr. A. SUDHAKAR, M.E (Struct), Ph. D.  
Chief Consultant  
57, Kottaswamy Mudhalayar Street  
Brooke Bond Road, R.S. Puram  
Coimbatore - 641 002  
Phone: +91 422 - 2550502, 98476 23400

This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and M/s. DIMENSIONS through co-operation in the fields of Training, Testing, conducting Conferences and Consultancy Services on the basis of mutual benefits & interests.

### 1.0 JUSTIFICATION

Applications of Civil Engineering concepts also require an in-depth understanding of real time scenarios and requirements. It is not always possible to simulate these kinds of scenarios within the college premises and class rooms with the limitations of contact hours and infrastructural features. If the students are provided with an opportunity and a platform to get access to real time projects and design challenges, the relevance of applying their theoretical knowledge to solve real time problems can be revealed. Also the vast research knowledge of the faculty and the testing and computational facilities in the Institution shall provide a huge opportunity for the practising Engineers to obtain optimal solutions for problems which could not be solved at the design offices.

### 2.0 OBJECTIVES

- To provide training to faculty and students of Coimbatore Institute of Technology, on design & construction techniques.
- To provide exposure on construction Practices.
- To provide access to DIMENSIONS to utilize the Coimbatore Institute of Technology lab facility for testing & experimentations.
- To jointly develop structural Engineering incubation Centre which simulate a design office with students as the participants.
- To support student projects in terms of guidance, resource usage and help them in choosing more practical related topics.

### 3.0 ROLE OF COLLABORATING PARTIES

- The parties will support co-operation in the fields of Training, Testing, and Consultancy on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.

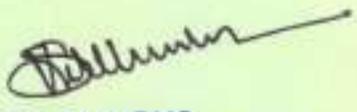
#### 3.1 COIMBATORE INSTITUTE OF TECHNOLOGY

- To propose the training module to be considered for training the faculties and students
- To suggest the team of students interested in taking projects in design & construction.
- To offer testing and consultancy services to DIMENSIONS, at mutually agreed terms
- To collaborate and jointly execute design projects proposal by DIMENSIONS
- To involve DIMENSIONS experts in research projects as external examiner or co-guide for any Master's and Doctorate research projects.
- To provide five registrations for at least 3 personals from DIMENSIONS for Programmes & conferences conducted by CIT.

  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FIPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

2



  
**DIMENSIONS**

Dr. A. SUDAHAR, M.E (Struct.), Ph.D.  
Chief Consultant  
37, Krishnaswamy Mudaliyar Street  
Brooke Bond Road, R.S. Puram  
Coimbatore - 641 002  
Phone: +91421-2850503, 90470 22400

### 3.2 DIMENSIONS

- To arrange industry visits for Coimbatore Institute of Technology faculties and students and extend the training on Construction Practices.
- To provide internship to students in Design & Constructions.
- To involve in programmes and projects of mutual benefit, that shall include visits and exchange of experts of technical personnel.
- To depute Experts from DIMENSIONS, as resource persons for guest lectures.
- To participate in conferences, symposia, courses, workshops, exhibitions and other joint meetings of mutual interest.
- To participate in joint training /education programme to raise the employability of students.
- To provide placement opportunities for Civil Engineering students after the completion of their course.

### 4.0 TERMS OF REFERENCE

#### 4.1 FINANCE

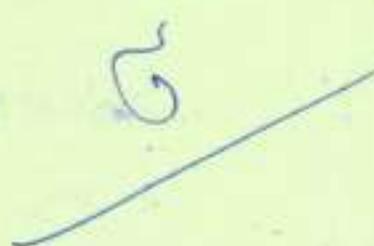
The activities which are stated in this MOU shall not be chargeable unless they are based on mutually agreed terms and conditions by both the parties. Both the parties shall not have any obligation or commitments to either of the parties.

#### 4.2 CO-ORDINATING AND MONITORING

- A co-ordinating committee will be constituted with one representative each from Coimbatore Institute of Technology and DIMENSIONS for implementing the activities.
- An annual review meeting will be arranged by the Co-ordinator of Coimbatore Institute of Technology inviting the executives from DIMENSIONS and review the progress of the collaborative activities.

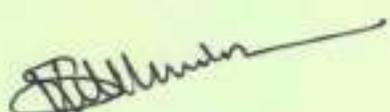
#### 4.3 VALIDITY

- This MOU will be valid for 3 years from the date of execution of this MOU.
- However, if both the parties agree to terminate this MOU, with one month notice, the same can be legally terminated.
- The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

  
**Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FIE., FIPE., FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA**

3



  
**DIMENSIONS**

**Dr. A. SUDHAKAR, M.E (Struct), Ph.D.  
Chief Consultant  
57, Krishnaaswamy Mudhaliver Street  
Brooke Bond Road, R.S. Puram  
Coimbatore - 641 002  
Phone: +91 422 - 2930503, 98479 23400**

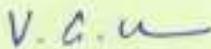
Signed at Coimbatore Institute of Technology, Coimbatore on 16<sup>th</sup> day of September, Two Thousand Nineteen

For and on behalf of

Coimbatore Institute of Technology

Principal  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FIEE., FIPE., FORSI  
PRINCIPAL

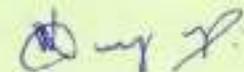
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

1. 

Head of the Department

Department of Civil Engineering

Coimbatore Institute of Technology Avinashi Rd,  
Civil Aerodrome Post, Peelamedu, Coimbatore,  
Tamil Nadu 641014

2. 

Dr. V. NAGARAJAN M.E., Ph.D

Associate Professor (R.D)

Department of Civil Engineering

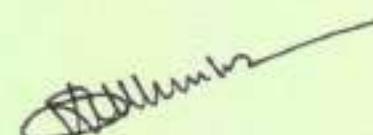
Coimbatore Institute of Technology

Coimbatore 641 014

For and on behalf of

DIMENSIONS



  
DIMENSIONS

Dr.A.SUDHAKAR, M.E (Struct), Ph.D  
Chief Consultant  
S7, Krishnaswamy Muthaliyar Street  
Sriwaha Soud Road, R.S. Puram  
Coimbatore - 641 002  
Phone: +91 422 - 2550002, 90470 23400



# CIVIL ENGINEERING ASSOCIATION

Department of Civil Engineering

**COIMBATORE INSTITUTE OF TECHNOLOGY**

*(Govt. Aided Autonomous Institution Affiliated to Anna University)*

Coimbatore -641 014

Civil Engineering Association

Cordially invite

you for the

**TECHNICAL TALK**

on

**Economy in Concrete Mixes**

for

**B.E & M.E Civil Engineering students**

by

**Dr.A.SUDHAHAR**

Director, Dimensions,

Coimbatore

**Venue : Library Building Conference Hall**

**Date : 20.09.2022, TUESDAY**

**Time : 3.30 pm**

**All are Invited**

M.V.



V. A. U.  
20/09/2022  
H.O.D., (CIVIL)  
C.I.T. Coimbatore - 14



# CIVIL ENGINEERING ASSOCIATION

Department of Civil Engineering

COIMBATORE INSTITUTE OF TECHNOLOGY

(Govt. Aided Autonomous Institution Affiliated to Anna University)

Coimbatore -641 014

The Faculty Members and Students of  
Department of Civil Engineering  
Cordially invite you for the

## INAUGURAL FUNCTION of CIVIL ENGINEERING ASSOCIATION

**Dr.V.SELLADURAI**

*Principal, CIT*

will preside over the function

**Dr.A.SUDHAHAR**

*Chief Structural Consultant*

*Dimensions,*

*Coimbatore.*

will be the Chief Guest

**Dr.V.G.SRISANTHI**

*Professor & Head,*

*Department of Civil Engineering, CIT*

will welcome the gathering

Venue : Library Building Conference Hall

Date : 17.07.2019, Wednesday

Time : 2.30 pm



All are Invited

V.G. ✓ 16/7/19  
**H.O.D., (CIVIL)**  
C.I.T., Coimbatore-14.



# **CIVIL ENGINEERING ASSOCIATION**

**Department of Civil Engineering**

**COIMBATORE INSTITUTE OF TECHNOLOGY**

*(Govt. Aided Autonomous Institution Affiliated to Anna University)*

**Coimbatore -641 014**

**TECHNICAL TALK**

**ON**

**DESIGN & CONSTRUCTION ERRORS**

**“Diagnosis is costlier than medicine”**

The statement given by the speaker Dr.A.Sudhahar who made the presentation on 27th December, 2018.

He is a Chief Consultant in Dimensions, Coimbatore.

The cost towards repair is more compared to construction. As a Civil Engineer it is our prime duty to avoid defects of the building upto lifetime. This seminar clearly pointed out the errors that occur in construction. Errors that mainly occur are dimensional and constructional. Incase if it is constructional error it might be due to material or workmanship.

Therefore he emphasized to choose the materials carefully. Moreover he suggested some techniques to improve the lifetime of buildings and to reduce the damages.

Estimation and costing is a prerequisite in construction.



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T. KAVITHA

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VELU

21.2.2020

The principal CIT  
CBE-14

MEMORANDUM OF UNDERSTANDING

BETWEEN

DEPARTMENT OF CIVIL ENGINEERING

COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE

AND

M/s. TECH NEW BUILDING PRODUCTS, GREEN BUILDING CENTRE, COIMBATORE

PREAMBLE

THIS MEMORANDUM OF UNDERSTANDING herein after called MoU is arrived between Department of Civil Engineering, Coimbatore Institute of Technology, Avinashi Road, Civil Aerodrome Post, Peelamedu, Coimbatore, Tamil Nadu 641014, India, herein after referred to as CIT and TNBP -ACC GBC, Coimbatore.

This MoU aims at promoting mutual interest between the Department of Civil Engineering, CIT and TNBP -ACC GBC through co-operation in the fields of Training, Testing, conducting Conferences and Consultancy Services on the basis of mutual benefits & interests.

For TECH NEW BUILDING PRODUCTS

*[Signature]*

*[Signature]*

Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.

Partner

## 1.0 JUSTIFICATION

The recent trends in Ecology and Climate change has increased awareness regarding Eco-friendly practises amongst the consumers. In the Civil Engineering industry, there is a rising emphasis on the usage and promotion of sustainable development and Eco- friendly Building materials. It is very important that today's Civil Engineer should possess sound knowledge of Eco-friendly building materials and construction practices. Tech New Building Products, is a ACC Green Building Centre which develops and produces many Eco- friendly building products such as Fly ash Bricks, Solid Blocks, etc., Establishing a co-working platform with the GBC and CIT will provide opportunities to identify and solve solid waste disposal problems of many industries in and around Coimbatore. This will also lead to a new product development and Patenting. The researchers, Students community and the industry will be mutually benefitted.

## 2.0 OBJECTIVES

- To provide training to faculty and students of Coimbatore Institute of Technology, on Fly Ash Brick Production.
- To provide exposure on waste material characterisations.
- To provide support to students and faculty, to utilize of the lab facilities for testing of Building Materials.
- To provide access to TNBP -ACC and GBC to utilize the Coimbatore Institute of Technology lab facility for the testing of materials.
- To jointly organise awareness programmes on common topics of interests.
- To support student projects in terms of guidance, resource usage and help them to choose more practical related topics.

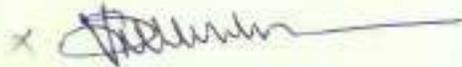
## 3.0 ROLE OF COLLABORATING PARTIES

- The parties will support co-operation in the fields of Training, Testing, and Consultancy on the basis of equality and mutual benefits, in accordance with the provisions of this Memorandum of Understanding (MoU). The roles of collaborating parties are as follows.

### 3.1 COIMBATORE INSTITUTE OF TECHNOLOGY

- To propose the training module to be considered for training the faculties and students
- To suggest the team of students interested in taking projects in Product development.
- To provide access to facilities in institute to conduct workshop or seminar for field engineers and Stakeholders.
- To offer testing and consultancy services to TNBP -ACC and GBC, at mutually agreed terms
- To co-work on R&D related to waste characterisation & new product development

  
Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.

  
For TECH NEW BUILDING PRODUCTS

Partner

### 3.2 TNBP -ACC GBC

- To arrange industrial visits for Coimbatore Institute of Technology faculties and students and to extend the training on basic manufacturing process of Fly Ash Bricks.
- To provide internship to students in Fly Ash brick Production.
- To involve in programmes and projects of mutual benefit, that shall include visits and exchange of experts of technical personnel.
- To depute Experts from GBC, as resource persons for guest lectures.
- To participate in conferences, symposia, courses, workshops, exhibitions and other joint meetings of mutual interest.
- To participate in joint training /education programme to raise the level of competency of industry personnel.
- To provide placement opportunities for Civil Engineering students as successful completion of the course.

### 4.0 TERMS OF REFERENCE

#### 4.1 FINANCE

The activities which are stated in this MOU shall not be chargeable unless based on mutually agreed terms and conditions by both the parties. Both the parties shall not have any obligation or commitments to either of the parties.

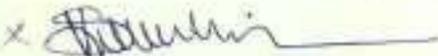
#### 4.2 CO-ORDINATING AND MONITORING

- A co-ordinating committee will be constituted with one representative each from Coimbatore Institute of Technology and TNBP -ACC GBC for implementing the activities.
- An annual review meeting will be arranged by the Co-ordinator of Coimbatore Institute of Technology inviting the executives from TNBP -ACC GBC and review the progress of the collaborative activities.

#### 4.3 VALIDITY

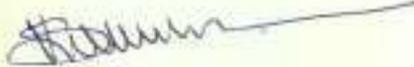
- This MOU will be valid for 3 years from the date of execution of this MOU.
- However, if both the parties agree to terminate this MOU, with one month notice, the same can be legally terminated.
- The termination of this MoU shall not affect the validity or duration of the ongoing projects that are started prior to such termination.

  
Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.

  
For TECH NEW BUILDING PRODUCTS

Partner

Signed at Coimbatore Institute of Technology, Coimbatore on 15<sup>th</sup> day of March, Two Thousand Twenty Three.

x 

For and on behalf of

For and on behalf of

Coimbatore Institute of Technology

M/s.Tech New Building products

Principal 

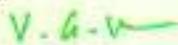
For TECH NEW BUILDING PRODUCTS

Dr. A. RAJESWARI, M.E., Ph.D.,  
PRINCIPAL

Witness: COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014.

Partner

1.



Head of the Department  
Department of Civil Engineering  
Coimbatore Institute of Technology, Avinashi Rd,  
Civil Aerodrome Post, Peelamedu, Coimbatore,  
Tamil Nadu 641014

2.



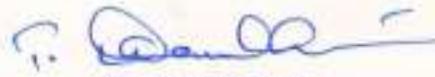
Dr. V.G.KALPANA, M.E., Ph.D.,  
Assistant Professor  
Department of Civil Engineering  
Coimbatore Institute of Technology  
Coimbatore - 641 014



தமிழ்நாடு தமில்நாடு TAMILNADU

24.8.2019 The Principal CIT

Cbe

 BX 168420  
T. KAVITHA  
STAMP VENDOR  
1/29-A, SAKTHI KAMINOUR,  
VELLALORE, CHENNAI  
T. 600042  
REF. No: 733881/2002/4



### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") has been entered by and between  
Coimbatore Institute of Technology hereinafter referred to as "CIT- Coimbatore" and,

**Rohde & Schwarz India Private Limited**  
A-27, Mohan Co-operative Industrial Estate,  
Mathura Road, New Delhi-110044, India  
hereinafter referred to as "RS-India".

The CIT- Coimbatore and RS-India hereinafter jointly referred to as "Parties".

#### Preamble

RS-India is a leading supplier of solutions in the field of Test and Measurement, Broadcasting and Media, Wireless Communications, Air Traffic Control, Military Radio-Communications, Cyber-security and Network Technology.

CIT- Coimbatore is one of the premier institutes to provide meaningful education, to conduct original research of the highest standard and to provide leadership in technological innovation for the industrial growth of the country. CIT- Coimbatore imparts and undertakes cutting-edge research in various areas of science, engineering, design, management, and humanities.



The parties wish to work in the areas of establishing state-of-art laboratories, courses, internship program for academia/ industry, etc., in the field of RF/ Microwave Engineering.

Now and therefore, the Parties hereby agree as follows:

## 1 Scope of MOU

This Memorandum of Understanding sets forth the terms and conditions under which RS-India will extend laboratory facilities and undertake training programs, collaborative teaching, research activities for the students.

Parties shall conduct/ hold series of seminars, lectures, workshop in the field of RF/ Microwave Engineering such as Radar/ Antenna Testing, EMC, Internet of things (IOT), Wireless technologies. This paves the way for an infrastructure development and enriching technical education curriculum in the field of RF/ Microwave based technologies within India.

This MOU is effective from 06-01-2020 "Effective date" and shall remain valid for indefinite period unless terminated by any party as per Clause 8.

## 2 Centre of Excellence

The Parties jointly agree to setup a Centre of Excellence (COE) in the field of RF/ Microwave Engineering.

### 2.1 Location : E&CE Department at CIT- Coimbatore

### 2.2 Laboratories

RS-India may set up any or all of the laboratories in phased manner as mentioned below:

- Advance Microwave Measurements Lab
- Internet of Thing (IOT)/ 5G
- EMI Diagnostics Lab

## 3 Title and Ownership/ Consideration

The title/ownership of the installed instruments/accessories at COE and all Intellectual Property Rights embodied or incorporated therein or any part thereof shall at all times remain with RS-India.

RS-India holding ownership is obliged to take care of insurance, warranties and calibration services with respect to instruments.

No Lease Rental shall be paid by the CIT- Coimbatore consideration of instruments/ accessories received from RS-India.

## 4 Obligations of the Parties

### 4.1 Obligations of RS-India

- RS-India shall provide Test & Measurement instruments, accessories etc., as agreed between parties for setting up of COE.
- RS-India shall impart training to CIT Academia/ students for operating the instruments and would offer project specific internships to students selectively.
- Provide service support to the installed instruments for five (5) years from the date of commencement of COE at no cost to CIT- Coimbatore
- RS-India shall allow the use of test facilities in its premises for testing of antennas or RF prototypes designed and developed by CIT.
- Provide from time to time the technical information that may be necessary within the scope of MOU.
- Conduct/ hold seminars, lectures, workshop in the field of RF/ Microwave Engineering such as Radar/ Antenna Testing, EMC, Internet of things (IOT), Wireless technologies



#### 4.2 Obligations of CIT- Coimbatore

- CIT- Coimbatore shall provide the available infrastructure & basic amenities such as electricity, water, telephone etc. suitable and ready for activities mentioned in the scope.
- Provide technical work force for operation of Laboratories and shall keep the COE fully functional to ensure regular use of its installed equipment by students & academia.
- Provide a workable space/ room with basic amenities to the representative of RS-India during setting up of the Centre of Excellence.
- Permit the nomenclature of the center with brand name of Rohde & Schwarz as symbol of collaboration for at least five (5) years from commencement of the center.
- Maintain COE instrument & other supplied items in good condition.  
Conduct/ hold seminars, lectures, workshop as may be mutually agreed from time to time.

#### 5 Point of Contacts

Upon signing, both parties shall nominate coordinators in their respective organizations as point of contacts (POC) for proper execution & operation of this MOU.

#### 6 Intellectual Property Rights

Ownership of any intellectual property (including but not limited to confidential information, know-how, patents, copyrights, design rights, rights relating to computer software, and any other industrial or intellectual property rights) developed during the course of this MOU shall vest in RS-India.

#### 7 Confidentiality

Neither of the Parties shall, at any time disclose to a third party, any confidential information of the other party, which is acquired pursuant to this MOU without the prior written consent of the other party, such consent not to be unreasonably withheld.

The parties agree to use confidential information only for the above-mentioned purpose. The obligation of non-disclosure of confidential information shall survive for three (3) years after expiry/ termination of this MOU.

The parties have also executed Non-Disclosure Agreement attached herewith as Annexure 1.

#### 8 Term and Termination

The expiration and/or termination of this Agreement for any reason, unless otherwise provided for by mandatory law or explicitly stipulated in this MOU, shall not entitle any party to claim any kind of compensation.

Either Party may terminate this MOU by giving three (3) months prior notice in writing with or without cause.

Within two (2) weeks after expiration or termination of this MOU, the CIT- Coimbatore shall return all property of RS-India, including but not limited to any documentation, instruments and promotion material in its possession.

#### 9 Applicable Law and Jurisdiction

All disputes or differences whatsoever arising amongst the parties hereinto out of or relating to this MOU shall be settled mutually by the Parties. If the issue still remains unsettled it shall be referred to Sole Arbitrator under the Arbitration & Conciliation Act, 1996 and award made in pursuance thereof shall be final and binding on the parties.

The place of arbitration shall be New Delhi. The language to be used in the arbitral proceedings shall be English.

Subject to the forgoing, this Agreement shall be governed by and construed in accordance with the laws of India and the courts of Delhi shall have the exclusive jurisdiction.



## 10 Force Majeure

Neither party shall be held responsible for non-fulfilment of their respective obligations under this MOU due to the exigency of one or more of the force majeure events such as but not limited to acts of god, war, flood, earthquake, act of state, change in government regulations etc. provided on the occurrence and cessation of any such events the party affected thereby shall give a notice in writing to the other party within one (1) month of such occurrence or cessation. If the force majeure condition continued beyond six (6) months, the parties shall jointly decide about the future course of action.

## 11 Miscellaneous

Neither Party, nor any of their affiliates nor their or their affiliates respective directors, officers, employees, subcontractors or agents shall be liable to other party for any special, incidental, indirect or consequential damages (including, but not limited to, contract, negligence and tort liability) in connection with or arising out of this MOU.

For the purpose of this MOU, the parties hereto are independent contractors and nothing contained in this MOU shall be construed to place them in the relationship of partners, principal and agent, employer/ employee or joint venture.

This MOU shall not be assigned by either party without the prior written consent of the other, to any third party. In case of any such assignment, the party taking up the assignment shall succeed to the rights, benefit, titles, duties, interest and obligations and liabilities of the party making such an assignment under the MOU.

Any amendment or variation to this MOU shall be made with a written consent between the parties.

If any provision of this MOU should be or become invalid or unenforceable, this shall not affect the validity or enforceability of the other provisions. In such an event, the invalid or unenforceable provision shall be deemed replaced by such other valid or enforceable provision, which will most closely correspond to the legal and economic intent of the invalid or unenforceable provision.

IN WITNESS HEREOF this MOU has been duly signed and executed by the Parties in two (2) originals of which the Parties have taken one (1) each.

For CIT- Coimbatore

For Rohde & Schwarz India Private Limited

Signature:   
By: Dr. V. Selladurai  
Title: Principal, CIT  
Place/Date: Coimbatore-14 / 06-01-2020

Signature: \_\_\_\_\_  
By: Yash Mohan  
Title: Managing Director  
Place/Date: \_\_\_\_\_

Signature:   
By: Dr. A. Rajeswari  
Title: Professor and HOD, ECE Department, CIT  
Place/Date: Coimbatore-14 / 06-01-2020

Signature: \_\_\_\_\_  
By: Shiv Shankar Agarwal  
Title: Company Secretary  
Place/Date: \_\_\_\_\_





தமிழ்நாடு தமில்நாடு TAMILNADU  
22.8.2019 The Principal CIT  
Cbe

T. Kavitha - BX 168166  
T. KAVITHA  
STAMP VENDOR  
1/29-A, SAKTHI APT. SOCIETY, COIMBATORE,  
VELLALORE, COIMBATORE  
TAMILNADU  
REF. No: 7325/B/2003/4



**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding (MOU) is entered into on this the 22<sup>nd</sup> day of August, 2019 by and between Coimbatore Institute of Technology (here in after referred to as "CIT") represented by its Principal Dr. V. Selladurai, having address at CIT Campus, Peelamedu, Coimbatore 641 014, (which term shall include its Directors and Administrators) on the One Part,

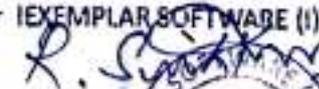
AND

iExemplar Software India Pvt Ltd (here in after referred to as "iExemplar"), represented by its authorized signatory, Mr. R. Sathish Kumar, Director having address of the registered office at 13/2B, 1st Floor, Brooke Bond Layout (Near Kikani Railway Under Bridge), Krishnaswamy Road, Coimbatore - 641002Tamilnadu, India and head quartered at 19925 Stevens Creek Blvd, Ste 100 Cupertino, CA 95014(which term shall include its Office Bearers, Members, Agents and Administrators) on the Other Part.

Whereas CIT, an engineering college, is one of the most reputed and prestigious Institutes in India, particularly in South India, established and functioning since the year 1956. It is an autonomous Government Aided Institution recognized by the All India Council for Technical Education and accredited to the National Board of Accreditation.

  
DR. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FIPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA



For IEXEMPLAR SOFTWARE (I) PVT. LTD.,  
  


**Whereas** CIT was founded pursuant to the philanthropic objects of its founder Late Shri. P.R. Ramakrishnan, to impart a unique learning order with special emphasis on industrial training for the declination of knowledge to the student community in the fields of science, engineering and technology and to promote technology and scientific literacy and research as its prime objects.

**Whereas** CIT now offers excellent education and research facilities in the field of science, engineering and technology and research. It has tie ups with world renowned Colleges, Universities and Companies to promote education and research and to thereby achieve its said objectives.

**Whereas** iExemplar Service offerings include IT Services, Customized mobile and web Application Development, Industrial Internet of things (IIoT) end to end solutions and technological training.

**Whereas** in order to promote and enhance the product development and associated projects, both parties have by this MOU come together for jointly achieving this objective.

**Whereas** both parties by this MOU reduce to writing the objectives and terms under which they shall work together in furtherance of their said common objective.

**Now this MOU witnesseth as follows:**

1. Both parties hereby agree to work together to promote and enhance the product development and associated projects.
2. Both parties hereby agree to work together to promote research / continuing education activities between institutions as to be mutually agreed upon by them.
3. Both parties hereby agree to put in joint effort for research, design and manufacture of products.
4. Both parties hereby agree to submit research proposal/s to funding agencies jointly, in India and outside India for purpose of undertaking international research collaboration and related activities and to obtain funds. The utilization of these funds so obtained shall be as to be decided upon by the parties from time to time and on a case to case basis.
5. iExemplar shall exchange its domain expertise with CIT so as to enable CIT to design and implement the products.
6. Both parties agree, that in the event of a Joint Research Project Proposal being undertaken by either of them, then such efforts shall be carefully scrutinized by both of them;
  - a. to evaluate its value and feasibility,
  - b. to determine the qualification, experience and exposure of the participating faculty,
  - c. as regards the location of the research activity, and
  - d. Such other issues as both parties mutually agree to be relevant to scrutinize, with respect to the said joint proposal.
7. Both parties agree that, upon an effective decision being taken as mentioned in clause 6 above, to go ahead with the Joint Research Project Proposal, then both parties shall actively seek funding for the Proposed Joint Research Project either jointly or severally. However, final approval of the said Research Project will be subject, in part, to securing funds that is deemed by each party to be sufficient.

  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FIPE, FORSI  
PRINCIPAL  
COMBATORE INSTITUTE OF TECHNOLOGY  
COMBATORE - 641 014 INDIA



For iEXEMPLAR SOFTWARE (INDIA) LTD.,  
  
Director

8. Both parties further agree that for each of the said Research Projects that are to be conducted by them jointly, before proceeding further with the said Research Project they shall enter into a mutual written agreement addressing all necessary issues and in particular those pertaining to Intellectual Property (their ownership and exploitation in particular), research information, property interests that could raise out of the joint activity of both parties.
9. It is agreed that iExemplar shall obtain prior approval for device development by CIT, and such other legal permissions/ clearances, licenses and 'go aheads'/ NOC that may be required statutorily and otherwise, in this regard.
10. Both parties agree that when undertaking joint projects, there will be parity in the number and Institutional ranks of personnel involved.
11. Both parties agree that all publications effected by any of the parties herein or their staff, office bearers or researchers or anyone associated with them, pertaining to any research or work done pertaining to or arising out of this MOU, shall acknowledge the contributions of each of them.
12. Both parties agree to acknowledge the existence of a collaboration between the two parties, under this MOU in all their publications resulting from education, research or clinical collaboration. Further, both parties agree to acknowledge the relationship of each under this MOU in all courses and formal presentations which result from the collaboration formed under this MOU.
13. Both parties also agree and undertake to comply with all applicable laws that pertain to obtaining necessary licenses, certification standards and legal considerations with regard to exports.
14. Both parties agree and undertake to comply with all laws, rules, regulations and statutory compliances pertaining to or applicable to each of them.
15. Both parties agree that this MOU is for a period of three years from the date of its execution, extendable for a further period or three years, by mutual consent on the same or varied terms as to be mutually agreed upon by both parties.
16. Both parties agree that this MOU is non-terminable once a project has started functioning, so as to be detrimental to the other.
17. Both parties undertake to preserve at all times a harmonious and continued working relationship amongst them in furtherance of this MOU.
18. All disputes or difference or issues pertaining to or arising out of this MOU shall be subject to arbitration in accordance with the provisions of the Indian Arbitration and Conciliation Act, 1996.

In witness whereof, both parties represented by their said Authorized Representatives have on the day, month and year hereinabove first written, set their hands to this MOU,



*D.V. Selladurai*  
**D. V. SELLADURAI, M.E., M.D.**  
 B.E., F.P.E., FORSI  
 PRINCIPAL  
 COMBATORE INSTITUTE OF TECHNOLOGY  
 For COMBATORE - 641 014 INDIA

*R. Sathishkumar*  
 For iEXEMPLAR SOFTWARE (I) PVT. LTD.,  
**R. Sathishkumar**  
 Director  
 Director  
 For iExemplar Software India Pvt Ltd.

*n.l. h* [ *n.k. HANMILKSHYAN* ]  
 Prof & HOD/IT





தமிழ்நாடு தமிழ்நாடு TAMILNADU

T. Kavitha BX 162782

19.8.2019

S. Rajiv Ranganasami  
Coimbatore

T. KAVITHA  
STAMP VENDOR  
1/29-A, SAKTHIESWARAR VAR,  
VELLALOPE, COIMBATORE  
TAMILNADU  
REF. No : 732431/2003/4



**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
SALIM ALI CENTRE FOR ORNITHOLOGY AND NATURAL HISTORY  
AND  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE**

The Memorandum of Understanding (MoU), effective on the date it is signed by official representatives, is entered into by and between the Salim Ali Centre for Ornithology and Natural History, a Centre of Excellence under Ministry of Environment, Forest and Climate Change, having a primary business address at Anaikatty, Coimbatore -641108, Tamil Nadu, India and Coimbatore Institute of Technology, a highly reputed Technical Institution, having a primary business address of Civil Aerodrome Post, Coimbatore -641014, Tamil Nadu, India, hereafter referred to as "Parties"

**I. Background**

The SACON, has a mission to conduct research in the field of ornithology, landscape ecology, conservation biology, ecotoxicology, wetland ecology, Avian

*S. Rajiv Ranganasami*

*T. Kavitha*

physiology, conservation genetics, Avian forensics and Environmental Impact Assessment.

Coimbatore Institute of Technology, a highly reputed Technical Institution is committed to impart high quality education and training to its students to make them World-class engineers with a foresight to the changes and problems, and pioneers to offer innovative solutions to benefit the nation and the world at large.

SACON and CIT recognize the value of cooperative educational, scientific and training experiences that integrate theory and practices for their mutual benefit to increase contributions of science and knowledge, share their knowledge with the public at large, and develop and educate future generations.

## II. Purpose

This MoU sets down a framework for collaboration between the organizations to enhance contribution in scientific research and training using the expertise and facilities available.

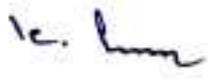
## III. Area of Collaboration

To achieve this purpose, SACON and CIT staff will collaborate in the development of scientific, educational and training programs in areas of common interest that are beneficial for their professional development and institutional missions, and will lead to increased understanding and collaboration between the parties. These activities may include:

- A. Professional exchanges between faculty/scientist/staff members to increase understanding and develop new programs of collaborations in scientific research and conservation training.
- B. Training and Internship for UG/PG/Ph.D Students.
- C. Joint seminars, lectures, and symposia in their respective institutions, and in other national and international forums of mutual interest.
- D. Cooperative efforts to develop grant proposals and raise funds for their research and educational programs.
- E. Joint publications in peer-reviewed scientific journals reporting on the results of their research collaborations.
- F. Additional areas of collaboration developed through mutual understanding, subject to the parties' institutional mandates and priorities.

## IV. Designated Points of Contact

The officials with overall responsibility for the supervision and coordination of activities under this MOU are listed below. The parties may, by written notice to each other, designate additional or different officials as point of contact.

For SACON:  
Dr. K. Sankar   
Director  
Salim Ali Centre for Ornithology &  
Natural History, Anaikatty, Coimbatore  
641108, Tamil Nadu, India  
Telephone: +91-422-2230102  
Fax: +91-422-2657088  
Email: dirsacon@gmail.com

For CIT:   
Dr. V. Selladurai  
Principal  
Coimbatore Institute of Technology,  
Coimbatore-641014  
Telephone: +91- 422 – 2573187  
Email: principal@cit.edu.in

#### V. Disclosure and Publicity

- A. Both parties may disclose to the public this MOU and information with respect to activities and project contemplated herein in accordance with their respective policies on the disclosure of information.
- B. No activity, and no work created by any activity, undertaken in connection with this MOU may be used for commercial purposes directly or indirectly by any party.

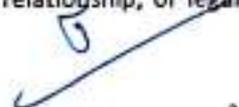
#### VI. Term, Modification and Termination

- A. This MOU comes into effect when it is signed by authorized representatives of the parties. The MOU will continue in force and effect for a period of five (5) years from the date. Renewal of the MOU may be initiated at the end of each such five-year period, and will require signatures by authorized officials of the parties.
- B. The parties may also by mutual agreement modify this MOU at any time.
- C. This MOU may be terminated at the request of either party by giving advance written notice of sixty (60) days.

#### VII. Miscellaneous

- A. As a general principle, the parties will encourage their staff to publish and otherwise disseminate all knowledge and information derived from research conducted under this MOU. For collaborative research projects initiated together, the parties will share data, publications and technical advice as per agreed protocol. Unless otherwise agreed upon, work, inventions, improvements, discoveries, or developments arising from this MOU whether patentable, copyrightable or not which are made by the employees of SACON shall be governed by SACON policies and procedures and those made by employees of the CIT shall be governed by the CIT policies and procedures. In such cases where it is difficult to identify or separate the contributions of each party, title shall be negotiated in good faith.
- B. Neither party is obligated to provide or exempted from any monies or other resources in connection with this MOU. Resources for implementation of any undertaking that may result from this MOU may come from or through either party, depending upon budgetary availability and in accordance with the laws, regulations, policies and procedures applicable to the respective party. No commencement of any specific projects resulting from this MOU may be initiated prior to the written assurance of such budgetary availability to the other party. To the extent any external funding is required for any other purpose and funding for such purpose is not appropriated or otherwise made available, neither SACON nor CIT will have further financial obligations upon such determination. Joint submission of any proposal for external funding will require approval from each party.
- C. The implementation of any cooperative research, education, training activity or any proposed visit shall be conditional upon both the availability of sufficient funding acceptable to each of the parties and execution of a written agreement therefore, signed by authorized officials.
- D. This MOU is not legally binding and does not create any right, obligation or benefit, substantive or procedural, enforceable by law or equity against either one of the parties, their officers or employees, or any other person.
- E. This MOU does not create any joint venture, agency relationship, or legal relationship between the parties.





F. To the extent permitted by law, each party will be responsible for the acts and omissions of its own officers and employees. Nothing in this MOU is intended to waive the privileges and immunities of either one of the parties, their officers and employees.

Signed on this day 10.10.2019, Thursday, in two originals in English language.

Signatures:

SACON

By: [Signature]  
Dr. K. Sankar  
Director, Salim Ali Centre for Ornithology and Natural History, Ankur, Coimbatore, India

डॉ. के शंकर / Dr. K Sankar  
निदेशक / Director  
सलम अली पक्षिविज्ञान एवं प्रकृति विज्ञान केन्द्र  
सलम अली सेंटर फॉर ऑर्निथोलॉजी एंड नैचुरल हिस्ट्री, इंडिया  
अंकुर, कोयंबटूर - 641 108  
आंबेडकर (पोस्ट), कोयंबटूर - 641 108

CIT

By: [Signature]  
Dr. V. Selladurai  
Principal  
Coimbatore Institute of Technology,  
Coimbatore-641014



Witnesses:

1. [Signature] Dr. A. RAJESWARI In. U  
Professor and Head  
Dept. of Electronics and Communication Engineering  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA
2. [Signature] (V. V. NIDINATHAN)  
PA TO DIRECTOR





Dr Akila I S &lt;akila@cit.edu.in&gt;

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**presentation details**

8 messages

**Akila I S** <akila@cit.edu.in>

Tue, Aug 27, 2019 at 4:29 PM

To: sksbreeder@gmail.com

Cc: Dr Rajeswari A &lt;hodece@cit.edu.in&gt;, Sankar Kalyanasundaram &lt;dirsacon@gmail.com&gt;

Dear Sir

As per the phone conversation, herewith i have attached the zeroth review ppt of our final year ECE students. Please let us know whether we are progressing in right direction and also we need specimens for our work progress.

with regards,

Dr.I.S.Akila

Assistant Professor,

Department of ECE,

Coimbatore Institute of Technology,

Coimbatore-14

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**3 attachments****DNA Sequence.ppt**

378K

**Species Identification- Microscopic images.ppt**

375K

**Species Identification- Images.ppt**

301K

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**Mail Delivery Subsystem** <mailer-daemon@googlemail.com>

Tue, Aug 27, 2019 at 4:30 PM

To: akila@cit.edu.in

**Address not found**

Your message wasn't delivered to **sksbreeder@gmail.com** because the domain **gmal.com** couldn't be found. Check for typos or unnecessary spaces and try again.

The response was:

DNS Error: 477786 DNS type 'mx' lookup of [gmal.com](#) responded with code NOERROR 477786 DNS type 'mx' lookup of [gmal.com](#) had no relevant answers. 477786 DNS type 'aaaa' lookup of [gmal.com](#) responded with code NOERROR 477786 DNS type 'aaaa' lookup of [gmal.com](#) had no relevant answers. 477786 DNS type 'a' lookup of [gmal.com](#) responded with code NOERROR 477786 DNS type 'a' lookup of [gmal.com](#) had no relevant answers.

Final-Recipient: rfc822; [sksbreeder@gmail.com](mailto:sksbreeder@gmail.com)

Action: failed

Status: 4.0.0

Diagnostic-Code: smtp; DNS Error: 477786 DNS type 'mx' lookup of [gmail.com](https://www.gmail.com) responded with code NOERROR  
477786 DNS type 'mx' lookup of [gmail.com](https://www.gmail.com) had no relevant answers.  
477786 DNS type 'aaaa' lookup of [gmail.com](https://www.gmail.com) responded with code NOERROR  
477786 DNS type 'aaaa' lookup of [gmail.com](https://www.gmail.com) had no relevant answers.  
477786 DNS type 'a' lookup of [gmail.com](https://www.gmail.com) responded with code NOERROR  
477786 DNS type 'a' lookup of [gmail.com](https://www.gmail.com) had no relevant answers.  
Last-Attempt-Date: Tue, 27 Aug 2019 04:00:06 -0700 (PDT)

----- Forwarded message -----

From: Akila I S <[akila@cit.edu.in](mailto:akila@cit.edu.in)>  
To: [sksbreeder@gmail.com](mailto:sksbreeder@gmail.com)  
Cc: Dr Rajeswari A <[hodece@cit.edu.in](mailto:hodece@cit.edu.in)>, Sankar Kalyanasundaram <[dirsacon@gmail.com](mailto:dirsacon@gmail.com)>  
Bcc:  
Date: Tue, 27 Aug 2019 16:29:04 +0530  
Subject: presentation details

Dear Sir

As per the phone conversation, herewith i have attached the zeroth review ppt of our final year ECE students. Please let us know whether we are progressing in right direction and also we need specimens for our work progress.

with regards,

Dr.I.S.Akila

Assistant Professor,

Department of ECE,

Coimbatore Institute of Technology,

Coimbatore-14

----- Message truncated -----

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**Sankar Kalyanasundaram** <[dirsacon@gmail.com](mailto:dirsacon@gmail.com)>  
To: Akila I S <[akila@cit.edu.in](mailto:akila@cit.edu.in)>

Tue, Aug 27, 2019 at 5:24 PM

Dear Dr. Akila,

Thanks. Will get back to you soon.

Regards.

K. Sankar

[Quoted text hidden]

--

**Dr. K. Sankar**

Director

Sálim Ali Centre for Ornithology and Natural History

(A Centre of Excellence under Ministry of Environment, Forests & Climate Change, Govt of India)

Anaikatty (Post), Coimbatore - 641108, Tamil Nadu (INDIA)

Tele: 0422-2203101, Mob: 8903492784

Website: [www.sacon.in](http://www.sacon.in)

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**Akila I S** <[akila@cit.edu.in](mailto:akila@cit.edu.in)>  
To: [sksbreeder@gmail.com](mailto:sksbreeder@gmail.com)

Wed, Aug 28, 2019 at 4:17 PM

[Quoted text hidden]

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[Quoted text hidden]

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### 3 attachments



**DNA Sequence.ppt**

378K



**Species Identification- Microscopic images.ppt**

375K



**Species Identification- Images.ppt**

301K

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**Sanjeev Sharma** <[sksbreeder@gmail.com](mailto:sksbreeder@gmail.com)>

Wed, Aug 28, 2019 at 5:39 PM

To: Akila I S <akila@cit.edu.in>

Dear Dr. Akila  
I got the ppt and get back to you shortly.  
Thanks

=====

Sanjeev Kumar Sharma  
Project Scientist, NAFL  
Sálim Ali Centre for Ornithology and Natural History  
Anaikatti, Coimbatore, Tamil Nadu 641108

[Quoted text hidden]

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**Akila I S** <akila@cit.edu.in>  
To: Dr Rajeswari A <hodece@cit.edu.in>

Wed, Aug 28, 2019 at 10:05 PM

[Quoted text hidden]

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**Ram Pratap Singh** <rampratapsingh81@gmail.com>  
To: akila@cit.edu.in  
Cc: Sankar Kalyanasundaram <dirsacon@gmail.com>

Thu, Sep 12, 2019 at 11:21 AM

Dear Dr. AKila,

With reference to the email below, I would like to inform you that I have gone through the ppt send by you. The project on 'Identification of birds using DNA sequences' is not clear to me. Rest two project are okay but need few minor changes. You may come with your project teams for final discussion so that we can start working as soon as possible.

Please note that we need to sign a MoU between SACON and CIT regarding terms and conditions for carrying out these projects.

Regards,  
Ram

[Quoted text hidden]

--  
**Dr. K. Sankar**  
Director  
Sálim Ali Centre for Ornithology and Natural History  
[Quoted text hidden]

--  
Dr. Ram Pratap Singh  
Senior Scientist  
Avian Physiology and Genetics Division  
Salim Ali Centre for Ornithology and Natural History  
Anaikatty, Coimbatore- 641 108, India  
Ph. +91-422-2203136; Fax: +91-422-2657088; (M) +91-7598112621, +91-7599061735  
Email: [rpsingh@sacon.in](mailto:rpsingh@sacon.in); [rampratapsingh81@gmail.com](mailto:rampratapsingh81@gmail.com); [rampratapsinghsacon@gmail.com](mailto:rampratapsinghsacon@gmail.com)  
Website: [www.sacon.org](http://www.sacon.org), [www.sacon.in](http://www.sacon.in)  
My Webpage: <http://www.sacon.in/faculty/stafflist.aspx?id=20>

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### 3 attachments

 **DNA Sequence.ppt**  
378K

 **Species Identification- Microscopic images.ppt**  
375K

 **Species Identification- Images.ppt**  
301K

**Akila I S** <akila@cit.edu.in>  
To: Dr Rajeswari A <hodece@cit.edu.in>

Thu, Sep 12, 2019 at 12:38 PM

[Quoted text hidden]

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[Quoted text hidden]

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### 3 attachments



**DNA Sequence.ppt**

378K



**Species Identification- Microscopic images.ppt**

375K



**Species Identification- Images.ppt**

301K

**Day: 24.08.23**

**Time:11:20 AM-12:30 PM**

**Venue:Auditorium**

**Speaker Details & Topic: Dr.P.Pramod, “Nature- the ultimate Inspiration of Science & Technology”**



The topic at hand was ' Nature- The ultimate Inspiration of Science and Technology' presented by Dr.P.Pramod, the Senior principal scientist of Salim Ali Centre for Ornithology & Natural History. He began with a short note on how everything evolved from nature and described the value of nature and the ecosystem. His presentation began with descriptive PPT slides showing the various ecosystem forms and the value of it to human research. He described the varieties of species including birds, butterflies and flowers whilst the question on how endangered they are. The second topic described how nature is the biggest teacher of engineers presenting various images and information on bird migration. His detailed timeline described how once people used to count to calculate migrating birds, and then using radio and photography and then GPS signal and also giving hints on how the research is bound to change in the future. His ideas allowed students to think beyond machines and actually learn about how their inventions and interventions could help improve nature and also various research fields. It gave an idea that engineering isn't just computing but can also bring about major changes. The speech ended with motivating proverbs by the Speaker on how the students today are the future generation to protect nature. It was a much enjoyed and valued session on the student's part.



24.8.2019 தமிழ்நாடு தமில்நாடு TAMIL NADU  
Coimbatore Institute of Technology  
Cbe-14

T. KAVITHA  
STAMP VV  
1/29-A, SAKTHI  
VELLALORE, C  
TAMIL  
REF. No: 7322 01/2003/4

68AB 823679

### Memorandum of Understanding

The Memorandum of Understanding is signed between  
**COIMBATORE INSTITUTE OF TECHNOLOGY, Coimbatore-641014, Tamil Nadu, India** on behalf of itself party of the First part;

AND

218, Cowley Brown Rd, Opp. Forest College Campus, Vincent Colony, R.S. Puram, Coimbatore, Tamil Nadu 641002, Tamil Nadu, India on behalf of itself and acting through **Mr. Ramshankar, CEO** Party of the Second part; Now both the parties have agreed and consented to the following terms and deeds in pursuance of a common intent to promote and develop interactions in the following areas.

For and on behalf of

Coimbatore Institute of Technology  
Coimbatore

Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FIE., FIPE., FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

For and on behalf of

Maxbyte Technologies  
Coimbatore  
For MAXBYTE TECHNOLOGIES PRIVATE LIMITED

DIRECTOR

The Memorandum of Understanding (MoU) provides for collaboration between **Coimbatore Institute of Technology and Maxbyte Technologies** in various ways.

### RESPONSIBILITIES OF MAXBYTE TECHNOLOGIES

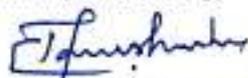
1. **External Projects Execution**– Projects can be taken in co-operation with Maxbyte Technologies and Coimbatore Institute of Technology, Maxbyte Technologies employee will guide the project and accountable till the successful completion of the project. Project can be occurring either in college campus or Maxbyte Technologies.
2. **Research Guidance: Maxbyte Technologies** will guide and give support to the Faculty and Students with our core IT domain based on the requirement.
3. **Faculty Development Programme (FDP):Maxbyte Technologies** can conduct FDP seminar/ Workshop to the CSE and IT Faculty / Students with the recent trends in IT domain at an affordable cost.
4. **Conference & Workshop: Coimbatore Institute of Technology** can organize Conference and Workshop in collaboration with **Maxbyte Technologies**.
5. **Special Lectures: Maxbyte Technologies** would extend special lecture to both Faculties and Students at **Coimbatore Institute of Technology** to update their level of skills.
6. **R&D: Maxbyte Technologies** would provide the assistance on research and development activities carried by the Students and Faculty
7. **Training & Placement: Maxbyte Technologies** would deploy trainer to train the Students based on the requirement from the institution, the training will be taken by "real time experts" who is engaged with real time project at an affordable course fee. On successful completion of the training students evaluation will happen based on the man power requirement of the company, the affordable and the suitable candidates will be absorbed as a trainees.

For and on behalf of

  
**Coimbatore Institute of Technology**  
**Coimbatore**

Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FIPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

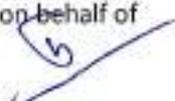
For and on behalf of

  
**Maxbyte Technologies**  
**Coimbatore**

## RESPONSIBILITIES OF COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE

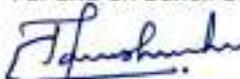
1. **Coimbatore Institute of Technology** will provide necessary space and other infrastructures like Computers, Printers, UPS, furniture & fixtures, supporting facilities, video and audio, etc., at **Coimbatore Institute of Technology** will have exclusive right to operate the Maxbyte Technologies inside the college campus subject to the terms of this agreement.
2. **Coimbatore Institute of Technology** will ensure that each participating student has access to relevant hardware and software.
3. **Coimbatore Institute of Technology** will provide its expertise for **research and development** work required by assigning faculty members from the Departments of Computer Science and Engineering and Department of Information Technology who will be responsible in interaction and correspondence with you towards successful achievement of the task arises as and when required.
4. **Coimbatore Institute of Technology** will provide their proficiency in finding solutions for various problems faced by industry during development and implementation.
5. **Coimbatore Institute of Technology** will permit to utilize their **library** facilities.
6. **Coimbatore Institute of Technology** agrees to take up **consultancy** from you and complete the task within the stipulated time.
7. **Coimbatore Institute of Technology** in discussion with Maxbyte Technologies will undertake any special or specific promotional campaigns and the costs will be shared as agreed to by parties in advance.
8. **Coimbatore Institute of Technology** undertakes not to forward or disclose any information concerning the specifics of this agreement to any third party without the prior written consent of Maxbyte Technologies.
9. **Coimbatore Institute of Technology** will not permit any practice that may be detrimental to the trademarks or goodwill or reputation of Maxbyte Technologies or its services.
10. **Coimbatore Institute of Technology** use of any of the trademarks will be strictly in accordance with **Maxbyte Technologies** instructions.

For and on behalf of

  
**Coimbatore Institute of Technology**  
**Coimbatore**

Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FIPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

For and on behalf of

  
**Maxbyte Technologies**  
**Coimbatore**  
**For MAXBYTE TECHNOLOGIES PRIVATE LIMITED**

  
**DIRECTOR**

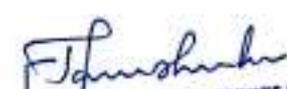
## FORCE MAJEURE

No party shall be liable to the other if and to the extent, that the performance of any of its obligators under this agreement is prevented, restricted or interfered due to the circumstances beyond the reasonable control of such party including but not limited to Government Legislation, fire, flood, explosion, epidemics, accidents, Act of God, wars, riots, strikes, lockouts or other connected acts of workmen and act of Government.

## TERMS OF AGREEMENT AND TERMINATION OF AGREEMENT

1. This agreement is effective from the date of signing by **Maxbyte Technologies** and shall be valid for a period of **Five Years (60 months)** from the date of the agreement. The parties may renew this agreement for further periods on mutually agreed terms.
2. Either party may terminate this agreement by giving not less than 3 months notice to the other party.
3. Notwithstanding the stipulation in above clause, each party is entitled to terminate this agreement immediately on any other party committing the breach, which is not insignificant and such party does not remedy such breach within 30 days from written notice by the other party requiring the default party to remedy the same.
4. In the event of termination of the agreement, for whatever reasons, both the parties agree to fulfill their respective commitments to the already registered batch of students as if the agreement is still in force.
5. On termination of this agreement, neither party will be entitled to claim any compensation or damages for or in respect of or by reason of such termination, except where such claim is based on the default of the other party.
6. Neither party will in any event be liable to the other party under this agreement for loss of profit, loss of business, loss of revenue or for any indirect, incidental or consequential damages whether or not the possibility of such damages could have been reasonably foreseen.

  
Dr. V. SELLADURAI, M.E., Ph.D  
FIE, FIEE, Sr.M (ORSI) LM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA.

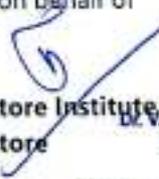
  
For MAXBYTE TECHNOLOGIES PRIVATE LIMITED

 DIRECTOR

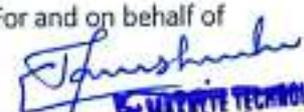
**ARBITRATION**

1. All disputes or differences whatsoever arising between the parties out of or relating to the construction, meaning and operation or effect of this contract or the breach thereof shall be settled by arbitration with the Rules of Arbitration of the Indian Council of Arbitration at Coimbatore only and the award made in pursuance thereof shall be binding on the parties.

For and on behalf of

  
**Coimbatore Institute of Technology**  
Coimbatore  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FIPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

For and on behalf of

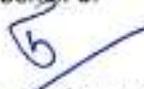
  
**MAXBYTE TECHNOLOGIES PRIVATE LIMITED**  
Maxbyte Technologies  
Coimbatore

**DIRECTOR**

MAXBYTE TECHNOLOGIES ACKNOWLEDGES THAT THE MAXBYTE TECHNOLOGIES HAS READ THIS AGREEMENT, UNDERSTANDS IT AND AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS. FURTHER, MAXBYTE TECHNOLOGIES AGREES THAT THIS, TOGETHER WITH ANY SUPPLEMENT OR SCHEDULE OF CHARGES, IS THE COMPLETE AND EXCLUSIVE STATEMENT OF THE AGREEMENT BETWEEN THE PARTIES, WHICH SUPERSEDES ALL PROPOSALS OR PRIOR AGREEMENTS, ORAL OR WRITTEN, AND ALL OTHER COMMUNICATIONS BETWEEN THE PARTIES RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT.

Signed at **COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE** on this the day of 2019

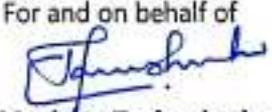
For and on behalf of

  
**Coimbatore Institute of Technology**  
Coimbatore  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FIPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

Witnesses

- 1) **KOUSALYA-G.**  
**QMR 28/9/2019.**

For and on behalf of

  
**Maxbyte Technologies**  
Coimbatore  
**MAXBYTE TECHNOLOGIES PRIVATE LIMITED**

**DIRECTOR**

- 2) **D. SURJENDRAN**  
**D. Sura**  
**20/9/2019**



**MEMORANDUM OF UNDERSTANDING  
(MoU)**

Between

**Coimbatore Institute of Technology,  
Coimbatore**

And

**Shri Venkateswara Hi-Tech  
Machineries Pvt.Ltd, Coimbatore**

05<sup>th</sup> July, 2019



**COMPANY NAME** : SHRI VENKATESWARA HI-TECH MACHINERIES  
PVT.LTD,

**MANAGING DIRECTOR** : SHRI.T.GOVINDARAJU

**ADDRESS** : 518/1,2 SARAVANAMPATTI MAIN ROAD,  
VELLAKINAR POST,  
COIMBATORE - 641029

**CONTACT NO** : 914222666130/2666129

**EMAIL** : venkateswarahitech@gmail.com

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY RUPEES

INDIA NON JUDICIAL

27 JUN 2019

தமிழ்நாடு தமிழ்நாடு TAMIL NADU N. K. 68AB 651515

Coimbatore Institute of Technology

ந. கோவிந்தராஜா  
முன்னாள் தலைவர் மற்றும் நிர்வாக இயக்குநர்  
தலைவர், சி.ஐ.டி. தொழில்நுட்ப  
கொழுவத்தூர், தமிழ்நாடு.  
சமீபம் : 14/82/B1/84



MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding is made on 05/07/2019 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. Shri Venkateswara Hi-Tech Machineries Private Limited, 518/1,2 Saravampatti Main Road, Vellakinar Post, Coimbatore -641 029, (hereinafter called 'SHRI VENKATESWARA'), represented by its Director, Shri. T Govindaraju.

AND

Coimbatore Institute of Technology, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called 'CIT' and includes its assigns, legal heirs and successors of Part-II, represented by its Principal Dr. V. Selladurai.

SHRI VENKATESWARA and CIT have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work, benefiting MSME's of Coimbatore region and the details are reduced into this MoU for future reference.

For SHRI VENKATESWARA HI-TECH MACHINERIES PRIVATE LIMITED

(T. GOVINDARAJU)  
DIRECTOR

CIT (V) 5

## PREAMBLE

**SHRI VENKATESWARA** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## Terms Agreed

### 1. Industrial Visit

Subject to operational feasibility, **SHRI VENKATESWARA** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines and equipments.

### 2. In-plant Training & Certificate and other necessary skill development training

**SHRI VENKATESWARA** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in CNC machine operations, Machinery Fabrication activities, Rapid Prototyping Machine, quality related areas, Tool and Die making in their facilities to get first hand practical experience.

To facilitate the students, **SHRI VENKATESWARA** will also conduct onsite training using softwares like AutoCAD, Unigraphics NX, SolidEdge, MasterCAM, Unigraphics CAM for knowledge upgradation at a cost as mutually agreed upon.

### 3. Guest Lecture

**SHRI VENKATESWARA** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **SHRI VENKATESWARA**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **SHRI VENKATESWARA**, on mutual consent.

### 4. Project Work

**SHRI VENKATESWARA** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment subject to basic fees to be paid by students.



For SHRI VENKATESWARA HI-TECH  
MACHINERIES PRIVATE LIMITED



(T. GOVINDARAJU)  
DIRECTOR

### 5. Research & Development

**SHRI VENKATESWARA** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

### 6. Problem Solving

Problems identified in thrust areas during the course of interaction between **CIT** and **SHRI VENKATESWARA**, will be addressed through collaborative work between **CIT** and **SHRI VENKATESWARA** for further research and problem solving.

### 7. Studies and Survey

**SHRI VENKATESWARA** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

### 8. Placements

As and when deemed necessary, **SHRI VENKATESWARA** will guide and assist the students of **CIT** in getting better Industrial placements.

### 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **SHRI VENKATESWARA** will function as its Secretaries for the purpose of communication and coordination.

### 9. Validity and Termination

This MoU takes effect from 05/07/2019 and valid for the period of **five** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of **SHRI VENKATESWARA** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by **SHRI VENKATESWARA** upon mutual consent.



For SHRI VENKATESWARA HI-TECH  
MACHINERIES PRIVATE LIMITED



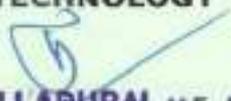
(T. SOVINDARAJU)  
DIRECTOR

The **CIT** is to ensure that the students are such people aimed to get benefited and **CIT** has to give priority to **SHRI VENKATESWARA** in the routine outbound learning and training related activities. In the event of any damage or loss incurred by **SHRI VENKATESWARA** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 05/07/2019, AT COIMBATORE.

For **COIMBATORE INSTITUTE OF TECHNOLOGY**

  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
F.E., F.R.E., F.I.E., Sr.M (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

**Dr V Selladurai**  
**PRINCIPAL**

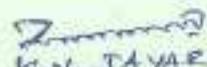
For **SHRI VENKATESWARA HI-TECH MACHINERIES PRIVATE LIMITED**

For **SHRI VENKATESWARA HI-TECH MACHINERIES PRIVATE LIMITED**  
  
**(T. GOVINDARAJU)**  
DIRECTOR

**Shri.T. Govindaraju**  
**DIRECTOR**

**Witness:**

1)   
**Dr. K. MARIMUTHU, Ph.D.,**  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

2)   
**K.V. JAYARAMAN**  
COMMERCIAL MANAGER  
**SHRI VENKATESWARA HI-TECH MACHINERIES PRIVATE LIMITED**  
518/182, SARAVANAMPATTI MAIN ROAD  
VELLAKINAR, COIMBATORE-641 029.



# **MEMORANDUM OF UNDERSTANDING (MoU)**

Between

**Coimbatore Institute of Technology,  
Coimbatore**

And

**Insta3D Technologies LLP, Coimbatore**

29<sup>th</sup> July, 2019



**COMPANY NAME** : INSTA3D TECHNOLOGIES LLP,  
**MANAGING DIRECTOR** : SHRI .MOHAMMED BASHEER.E.P,  
**ADDRESS** : 7/1, AVINASHI ROAD,  
DR.JAGANATHAN NAGAR,  
PEELAMEDU, COIMBATORE,641014  
**CONTACT NO** : 080753 70662  
**EMAIL** : info@myinsta3d.com



**INSTA3D** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work and the details are reduced into this MoU for future reference.

## **PREAMBLE**

**CIT** which has learned faculty with good industrial experience and promising students and **INSTA3D** jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & Special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## **TERMS AGREED**

### **1. Industrial Visit**

Subject to operational feasibility, **INSTA3D** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **INSTA3D** by **CIT** prior to a period of two weeks.

### **2. In-plant Training & Certificate and other necessary skill development training**

**INSTA3D** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide Certificates from Institution as a token of representation.

### **3. Guest Lecture**

**INSTA3D** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs, and **CIT** will provide expertise and its facilities to **INSTA3D**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **INSTA3D**, on mutual consent.



#### **4. Project Work**

**INSTA3D** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

#### **5. Research & Development**

**INSTA3D** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

#### **6. Problem Solving**

Problems identified in thrust areas during the course of interaction between the **CIT** and **INSTA3D** will be addressed through collaborative work between **CIT** and **INSTA3D** for problem solving and further research.

#### **7. Studies and Survey**

**INSTA3D** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the technology development, field of management, and marketing.

#### **8. Placements**

As and when deemed necessary, **INSTA3D** will guide and assist the students of **CIT** in getting better Industrial placements.

#### **9. Monitoring**

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **INSTA3D** will function as its Secretaries for the purpose of communication and coordination.

#### **10. Validity and Termination**

This MoU takes effect from **29<sup>th</sup> July 2019** and valid for the period of **FIVE** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students. While these common facilities of **INSTA3D** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by **INSTA3D** upon mutual consent.



**CIT** is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to **INSTA3D** in the routine outbound learning and training related activities. In the event of any damage or loss incurred at **INSTA3D** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 29<sup>th</sup> July 2019 AT COIMBATORE.

For **COIMBATORE INSTITUTE OF TECHNOLOGY**



**Dr V Selladurai**  
**PRINCIPAL**

**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FIE., FIE., FIPE., Sr.M (ORSI) LPM (SSI)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014, INDIA**

For **INSTA3D TECHNOLOGIES LLP**



**Shri. Mohammed Basheer E.P**  
**MANAGING DIRECTOR**

**Witness:**

1)



**Dr. K. MARIMUTHU, Ph.D.,**  
**PROFESSOR AND HEAD OF MECHANICAL ENGINEERING**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE - 641 014, INDIA**

2)

For **INSTA3D TECHNOLOGIES LLP**

  
**Designated Partner**

**T. JOSEPH MATHEW**



**MEMORANDUM OF UNDERSTANDING  
(MoU)**

Between

**Coimbatore Institute of Technology,  
Coimbatore**

And

**K-PAS Instronic Engineers India  
Pvt.Ltd, Coimbatore**

24<sup>th</sup> July, 2019



**COMPANY NAME** : K-PAS INSTRONIC ENGINEERS INDIA  
PVT.LTD,

**DIRECTOR** : SHRI .T.SUNDARAJAN,

**ADDRESS** : NO. 16, MABEL AVENUE,  
BETHAL NAGAR, SAI NAGAR EXTENSION ,  
THORAIPAKKAM, CHENNAI - 600097

**CONTACT NO** : 08048737303

**EMAIL** : kpas123@hotmail.com

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமிழ்நாடு TAMIL NADU

68AB 738758

Handwritten notes in Tamil and English, including dates like 15.7.2019 and names like Dr. V. Selladurai.



MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding is made on 24<sup>th</sup> July 2019 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. K-PAS INSTRONIC ENGINEERS INDIA PVT LTD, Plot No. 16, Mabel Avenue, Betha Nagar, Sri Sai Nagar Extension, Thoraipakkam, Chennai - 600 097 hereinafter called 'K-PAS' and includes its assigns, legal heirs and successors of Part-I, represented by its Director Shri. T.Sundararajan

AND

COIMBATORE INSTITUTE OF TECHNOLOGY, established in 1956, (promoted and run by V.Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called 'CIT' and includes its assigns, legal heirs and successors of Part-II, represented by its Principal Dr. V. Selladurai.

Handwritten initials 'TS'



For K-PAS Instronic India Pvt. Ltd. Page 1 of 4

Handwritten signature and the word 'Director' below it.

**K-PAS** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work and the details are reduced into this MoU for future reference.

#### **PREAMBLE**

**K-PAS** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & Special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

#### **TERMS AGREED**

##### **1. Industrial Visit**

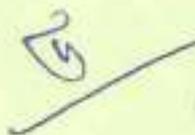
Subject to operational feasibility, **K-PAS** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **K-PAS** by **CIT** prior to a period of two weeks.

##### **2. In-plant Training & Certificate and other necessary skill development training**

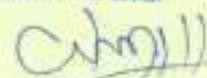
**K-PAS** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from Institution as a token of representation.

##### **3. Guest Lecture**

**K-PAS** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **K-PAS**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **K-PAS**, on mutual consent.


For **K-PAS Instronic India Pvt. Ltd.**

  
Director

#### 4. Project Work

**K-PAS** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

#### 5. Research & Development

**K-PAS** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

#### 6. Problem Solving

Problems identified in thrust areas during the course of interaction between the **CIT** and **K-PAS** will be addressed through collaborative work between **CIT** and **K-PAS** for further research and problem solving.

#### 7. Studies and Survey

**K-PAS** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

#### 8. Placements

As and when deemed necessary, **K-PAS** will guide and assist the students of **CIT** in getting better Industrial placements.

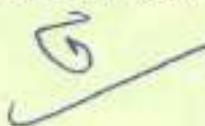
#### 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **K-PAS** will function as its Secretaries for the purpose of communication and coordination.

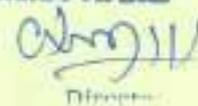
#### 10. Validity and Termination

This MoU takes effect from **24<sup>th</sup> July 2019** and valid for the period of **FIVE** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students. While these common facilities of **K-PAS** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by **K-PAS** upon mutual consent.



For **K-PAS Instronic India Pvt. Ltd.**



**CIT** is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to **K-PAS** in the routine outbound learning and training related activities. In the event of any damage or loss incurred at **K-PAS** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

Read, Understood and Consented

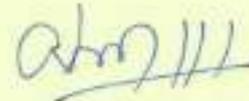
IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON **24<sup>th</sup> July 2019** AT COIMBATORE.

For **COIMBATORE INSTITUTE OF TECHNOLOGY**

For **K-PAS INSTRONIC ENGINEERS INDIA PVT LTD**

  
**Dr V Selladurai**  
**PRINCIPAL**





**Shri. T.Sundararajan**  
**DIRECTOR**

**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FIE., FHE., FIPE., Sr.M (ORSD) LPM (SS)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014. INDIA**

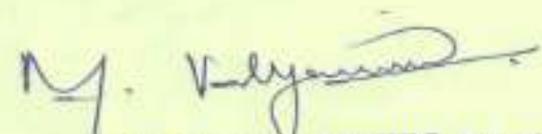


**Witness:**

1)

  
**Dr. K. MARIMUTHU, Ph.D.,**  
**PROFESSOR AND HEAD OF MECHANICAL ENGINEERING**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE - 641 014. INDIA**

2)

  
**DR.M.VELLIANGIRI M.E.,Ph.D.,**  
**FACULTY ADVISOR**  
**SAE INDIA COLLEGIATED CLUB OF CIT**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE - 641014.**



# **MEMORANDUM OF UNDERSTANDING (MoU)**

Between

**Coimbatore Institute of Technology,  
Coimbatore**

And

**Messer Cutting Systems India Pvt.Ltd,  
Coimbatore**

22<sup>nd</sup> July, 2019



**COMPANY NAME** : MESSER CUTTING SYSTEMS INDIA PVT.LTD,

**GENERAL MANAGER** : MR.HARIHARAN.V,

**CHIEF FINANCIAL** : MR.GOVARDHAN NAIDU,

**OFFICER**

**ADDRESS** :198/ 2A 2B, 199/ 2B,SNMV COLLEGE ROAD,  
MALUMICHAMPATTI,  
COIMBATORE.641 050

**CONTACT NO** : +91 422 7155521

**EMAIL** : [mani.n@messer-cs.in](mailto:mani.n@messer-cs.in)



## PREAMBLE

Through the Memorandum of Understanding (hereafter referred to as the "MoU"), Messer cutting systems India (P) Ltd, Coimbatore and CIT Intend to develop a special relationship.

This MoU is made and entered into on this the 22<sup>nd</sup> July 2019

### Whereas

Messer Cutting Systems India private Ltd., is a German company, manufacturer of Oxyfuel, Plasma and Laser CNC cutting machines for more than 120 years engaged in CNC cutting machine manufacturing. The company is active in more than 50 countries, with more than 800 employees in 5 main locations production sites (Germany, U.S.A, China, Brazil, and India) to fulfill the requirement of industrial needs.

### Whereas

CIT is an Educational Institution imparting education in the field of Engineering Technology of various branches to the students who have completed their higher secondary education.

## 1. Purpose of this Memorandum

This MoU is intended to recognize the general basis for a cooperative and collaborative working relationship between the two parties.

**MESSER INDIA** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research needs, benefiting MSMEs of Coimbatore region and the details are given in this MoU for future reference.

**MESSER INDIA** and **CIT** which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. Inplant Training & special technical training to make the students industry ready
3. Guest Lectures
4. Faculty Development Programs
5. Mini Projects and Main Project Work
6. Research & Development
7. Problem Solving
8. Studies & Survey
9. Placements
10. Internships
11. Establishing advanced laboratories



*(Handwritten mark)*

## 2. Nature of memorandum

Through this MoU, **MESSER INDIA** and **CIT** intend to develop a special relationship, whereby effective Knowledge sharing to the extent possible from time to time, exchange of technical skills, bridging the platform between industry and institution, to enhance students and faculty to fill their skill gaps and to create a conducive atmosphere for the betterment of the society.

## 3. Terms Agreed

### 1. Industrial Visit

Subject to operational feasibility, **MESSER INDIA** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines and equipments.

### 2. In-plant Training & Certificate and other necessary training

**MESSER INDIA** will facilitate the students to undertake Inplant training and allow them for special trainings in CNC cutting machineries, cutting technologies in the areas of Oxyfuel, Plasma and Laser, Machine Operations, Quality Related Areas, Tool and Die making in their facilities to get first hand practical experience. The course will be conducted in the premises of Messer India.

The traveling expenses, stay and food arrangements for the visiting faculty members of the college and their students shall be borne either by the individuals or by CIT as the case may be.

The students deputed for the training courses as mentioned in para 3.1 & 3.2 above will ensure that the security of Messer India., is not hampered by any means.

Messer India shall not bear any expenditure for the above Industrial Visits / In-Plant training courses.

### 3. Guest Lecture

**MESSER INDIA** will facilitate and arrange guest lectures or specialized training courses to students periodically to get them motivated to become successful professionals and vice versa; this training program is on payment basis as per terms and conditions of Messer India. **CIT** will provide expertise and its facilities like utilization of CIT library and materials for higher studies to **MESSER INDIA**. It is agreed to have periodical presentation of papers from the learned faculty members of the Institution and **MESSER INDIA**, on mutual consent.

### 4. Project Work

**MESSER INDIA** may allow students of CIT for live project works aimed at building confidence to get prepared for smooth transition from academic to a



professional working environment and help the students to do their mini & main projects as part of their academic requirements.

### 5. Research & Development

**MESSER INDIA** may allow students and faculty members of the CIT for Research and Development work related in their fields wherever appropriate and feasible.

### 6. Problem Solving

Problems identified in thrust areas during the course of interaction between the **CIT** and **MESSER INDIA** will be addressed through collaborative work between **MESSER INDIA** and **CIT** and **MESSER INDIA** for further research and problem solving.

### 7. Studies and Survey

**MESSER INDIA** may provide opportunities and inputs to the students of the CIT to undertake field studies and provide inputs for surveys related to the field of Management, Technology Development and Marketing.

### 8. Placements

As and when deemed necessary, **MESSER INDIA** may absorb the eligible students of the CIT for their manpower requirement strictly as per **MESSER INDIA** conditions and placement procedures.

### 9. Internships

**MESSER INDIA** may allow students to undergo internships based on the projects availability for the eligible students of CIT. The traveling expenses, stay and food arrangements for the students shall be borne either by the individuals or by CIT as the case may be.

### 3.10 Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from the **CIT** and **MESSER INDIA** will function as its Secretaries for the purpose of communication and coordination.

### 3.11 Establishment of Labs

**MESSER INDIA** will support CIT for establishment of an advanced Thermal Cutting Lab at CIT premises by way of providing a demo machine on a cost to cost basis to share the knowledge of cutting technology to the students, to conduct research and development activities for mutual benefit of the parties.






#### 4. Arbitration

Any dispute arising out of or in relation to this MOU including interpretation of this MOU shall be subject to the exclusive jurisdiction of Coimbatore. The parties in the dispute will share equally the cost of arbitration as intimated by the arbitrator.

#### 5. Confidentiality

Both the parties acknowledge the confidentiality of the information, which may be transferred between the parties from time to time as being essential to this MoU and agreed not to disclose the same to any third party. CIT agreed for not allowing any competitors of Messer India inside the cutting technology lab (if established) and also will not share any information with them. However, each party shall be free to disclose such information as a part of the public domain at the time of disclosure, or required to be disclosed by official authorities in accordance with the applicable law.

#### 6. Validity and Termination

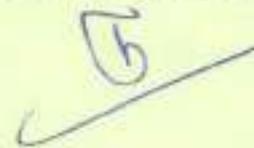
This MoU takes effect from **22.07.2019** and is valid for a period of **FIVE** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days of written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the students and make them suitable to serve in Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of **MESSER INDIA** is intended for common use of members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by **MESSER INDIA** upon mutual consent.

CIT is to ensure that the students are such people aimed to get benefited and CIT has to give priority to **MESSER INDIA** in the routine outbound learning and training related activities. In the event of any damage or loss incurred by **MESSER INDIA** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.







Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON **22.07.2019**, AT COIMBATORE.

**For MESSER Cutting Systems  
India Pvt Limited, Coimbatore**

**For Coimbatore Institute of  
Technology, Coimbatore**

**GM - Opera**

**Principal**

For MESSER CUTTING SYSTEMS INDIA PRIVATE LTD

HARIHAR P  
GM/Operations

**Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FIE., FIPE., ScM (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA**



**P. SOVARDHANA NAIDU  
CFO**



**Witness:**

1)

**Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA**

2)

**Mr. K. KARTHIK, M.E.,  
Assistant Professor  
Department of Mechanical Engineering,  
Coimbatore Institute of Technology,  
Coimbatore - 641 014.**



# **MEMORANDUM OF UNDERSTANDING (MoU)**

Between

**Coimbatore Institute of Technology,  
Coimbatore**

And

**Omega Weldrod Systems, Coimbatore**

20<sup>th</sup> July, 2019



**COMPANY NAME** : OMEGA WELDROD SYSTEMS,

**PROPRIETER** : SHRI .I.G.VALLAL,

**CHIEF EXECUTIVE** :MRS. SUDHA VALLAL

**OFFICER**

**ADDRESS** : NO. 1/455 - G, AACHAN KULAM ROAD,  
NEELAMBUR, COIMBATORE,  
TAMIL NADU - 641 062

**CONTACT NO** : 91 422 2934005, 91 94431 51840

**EMAIL** : [info@omegaweldrod.com](mailto:info@omegaweldrod.com)



## **PREAMBLE**

**OMEGA WELDROD SYSTEMS** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## **Terms Agreed**

### **1. Industrial Visit**

Subject to operational feasibility, **OMEGA WELDROD SYSTEMS** will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to **OMEGA WELDROD SYSTEMS** by **CIT** prior to a period of two weeks.

### **2. In-plant Training & Certificate and other necessary skill development training**

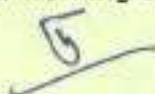
**OMEGA WELDROD SYSTEMS** will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from Institution as a token of representation.

### **3. Guest Lecture**

**OMEGA WELDROD SYSTEMS** will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to **OMEGA WELDROD SYSTEMS**. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and **OMEGA WELDROD SYSTEMS**, on mutual consent.

### **4. Project Work**

**OMEGA WELDROD SYSTEMS** may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.



## 5. Research & Development

**OMEGA WELDROD SYSTEMS** may allow students and faculty members of **CIT** for Research and Development work related in their fields.

## 6. Problem Solving

Problems identified in thrust areas during the course of interaction between the **CIT** and **OMEGA WELDROD SYSTEMS** will be addressed through collaborative work between **CIT** and **OMEGA WELDROD SYSTEMS** for further research and problem solving.

## 7. Studies and Survey

**OMEGA WELDROD SYSTEMS** may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

## 8. Placements

As and when deemed necessary, **OMEGA WELDROD SYSTEMS** will guide and assist the students of **CIT** in getting better Industrial placements.

## 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and **OMEGA WELDROD SYSTEMS** will function as its Secretaries for the purpose of communication and coordination.

## 9. Validity and Termination

This MoU takes effect from **20<sup>th</sup> July 2019** and valid for the period of **Five** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of **OMEGA WELDROD SYSTEMS** is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by **OMEGA WELDROD SYSTEMS** upon mutual consent.



**CIT** is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to **OMEGA WELDROD SYSTEMS** in the routine outbound learning and training related activities. In the event of any damage or loss incurred by **OMEGA WELDROD SYSTEMS** by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by **CIT**.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON **20<sup>TH</sup> JULY 2019** AT COIMBATORE.

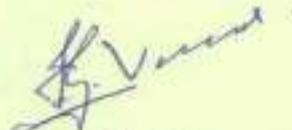
**For COIMBATORE INSTITUTE  
OF TECHNOLOGY**



**Dr V Selladurai  
PRINCIPAL**

**Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FWE., FIPE., Sr.M (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA**

**For OMEGA WELDROD SYSTEMS**



**Shri. I.G.Vallal  
PROPRIETER**

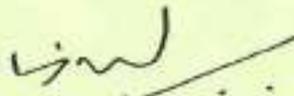


**Mrs.Sudha Vallal  
CHIEF EXECUTIVE OFFICER**

**OMEGA WELDROD SYSTEMS  
Fac : 1/455-B, Achankulam Road,  
(Muthu Kairidampudus Road)  
Neelembur, Coimbatore - 641 082.**

**Witness:**

1)



**Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA**

2)



Accura Weldrods Kovai Pvt Ltd

Established in 1984 and ISO 9001:2015 Certified Company

# **MEMORANDUM OF UNDERSTANDING (MoU)**

Between

**Coimbatore Institute of  
Technology, Coimbatore**

And

**Accura Weldrods Kovai Pvt, Ltd  
Coimbatore**

12<sup>th</sup> July, 2019



**COMPANY NAME** : ACCURA WELDRODS KOVAI PVT.LTD  
**MANAGING DIRECTOR** : SHRI. V.NANDHA GOPAL  
**ADDRESS** : MANUFACTURING DIVISION,  
1/15-2, POONDAMPALAYAM,  
S.F NO.454, PART 475/2 KANIYUR VILLAGE,  
COIMBATORE-641659  
**CONTACT NO** : +91 421 2362983  
**EMAIL** : info@sunbond.in, md@sunbond.in

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N. Nanthagopal  
ந. நெந்தகோபால்  
மாண்புமிகு நிதி அன்றாடம்  
கோயமுத்தூர், தமிழ்நாடு.  
எண் : 14/82/பி1/84  
68AB 651520



MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding is made on 12<sup>th</sup> July 2019 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. **ACCURA WELDRODS Koval Pvt. Ltd**, Manufacturing Division, 1/15-2, Ponnandampalayam, S.F. No. 454, Part 475/2, Kaniyur Village, Coimbatore 641659, represented by its **Managing Director, Shri. V.Nanthagopal**

AND

**Coimbatore Institute of Technology**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called '**CIT**' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladurai**.

**ACCURA WELDRODS Koval Pvt. Ltd** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work, benefiting MSME's of Coimbatore region and the details are reduced into this MoU for future reference.



Handwritten signature in blue ink.

## PREAMBLE

**ACCURA WELDRODS Kovai Pvt. Ltd** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## Terms Agreed

### 1. Industrial Visit

Subject to operational feasibility, ACCURA WELDRODS Kovai Pvt. Ltd will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to ACCURA WELDRODS Kovai Pvt. Ltd by **CIT** prior to a period of two weeks.

### 2. In-plant Training & Certificate and other necessary skill development training

ACCURA WELDRODS Kovai Pvt. Ltd will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bonafide from **CIT** as a token of representation.

### 3. Guest Lecture

ACCURA WELDRODS Kovai Pvt. Ltd will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; **CIT** will provide expertise and its facilities to ACCURA WELDRODS Kovai Pvt. Ltd. It is agreed to have periodical presentation of papers from the learned faculty members of **CIT** and ACCURA WELDRODS Kovai Pvt. Ltd, on mutual consent.

### 4. Project Work

ACCURA WELDRODS Kovai Pvt. Ltd may allow students of **CIT** for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.



## 5. Research & Development

ACCURA WELDRODS Koval Pvt. Ltd may allow students and faculty members of **CIT** for Research and Development work related in their fields.

## 6. Problem Solving

Problems identified in thrust areas during the course of interaction, between the **CIT** and ACCURA WELDRODS Koval Pvt. Ltd will be addressed through collaborative work between **CIT** and ACCURA WELDRODS Koval Pvt. Ltd for further research and problem solving.

## 7. Studies and Survey

ACCURA WELDRODS Koval Pvt. Ltd may provide opportunities and inputs to the students of **CIT** to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

## 8. Placements

As and when deemed necessary, ACCURA WELDRODS Koval Pvt. Ltd will guide and assist the students of **CIT** in getting better Industrial placements.

## 9. Monitoring

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from **CIT** and ACCURA WELDRODS Koval Pvt. Ltd will function as its Secretaries for the purpose of communication and coordination.

## 9. Validity and Termination

This MoU takes effect from **12<sup>th</sup> July 2019** and valid for the period of **five** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of ACCURA WELDRODS Koval Pvt. Ltd is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by ACCURA WELDRODS Koval Pvt. Ltd upon mutual consent.

**CIT** is to ensure that the students are such people aimed to get benefited and **CIT** has to give priority to ACCURA WELDRODS Koval Pvt. Ltd in the routine outbound



learning and training related activities. In the event of any damage or loss incurred by ACCURA WELDRODS Kovai Pvt. Ltd by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by CIT.

Read, Understood and Consented

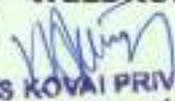
IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 12<sup>th</sup> July 2019 AT COIMBATORE.

  
For COIMBATORE INSTITUTE  
OF TECHNOLOGY

**Dr. V. SELLADURAI, M.E., Ph.D.,  
F.E., F.I.E., F.I.P.E., Sc.M (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014. INDIA**

**Dr V Selladurai**

**PRINCIPAL**

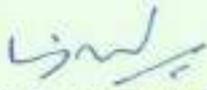
For ACCURA WELDRODS Kovai  
Pvt. Ltd 

**ACCURA WELDRODS KOVAI PRIVATE LIMITED  
No: 1/15-2, Ponnandampalayam,  
SF No/ 454, Part 475/2,  
Kaniyur Village,  
Coimbatore- 641 659.**

**Shri. V.Nanthagopal**

**MANAGING DIRECTOR**

**Witness:**

  
1) **Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014. INDIA**

2)



# **MEMORANDUM OF UNDERSTANDING (MoU)**

Between

**Coimbatore Institute of Technology,  
Coimbatore**

And

**National Power Training  
Institute(NPTI), Haryana**

10<sup>th</sup> July, 2019



**COMPANY NAME** : NATIONAL POWER TRAINING INSTITUTE(NPTI),  
**ADDRESS** : NPTI COMPLEX, SECTOR-33,  
FARIDABAD 121003,  
HARYANA,

**PRINCIPAL DIRECTOR** :GIRIRAJ KISHOR

**COMPANY NAME** : NATIONAL POWER TRAINING INSTITUTE(NPTI),  
MINISTRY OF POWER,GOVT.OF INDIA,  
SOUTHERN REGION,BLOCK 14,NEYVELI 607 803.

**CONTACT NO** : 04142-269427 , 04142-257874

**EMAIL** : director@nptineyveli.in



2.7 JUN 2019  
தமிழ்நாடு தமிழ்நாடு TAMIL NADU N.K.T  
பி. கோமலசுந்தரம் 68AB 651517

Coimbatore Institute of  
Technology  
Coimbatore 14

சென்னை அமைதி உறவு மையம்  
கொம்பட்டி வீதி காரைநம்பி  
கொம்பட்டி, தமிழ்நாடு,  
காணல் : 14/82/B-1/84



**Memorandum of Understanding**

This Memorandum of Understanding (hereinafter called as 'MOU') is entered into on this 10<sup>th</sup> July 2019.

**BETWEEN**

**National Power Training Institute (NPTI)**, a National Apex body for Training and Human Resources Development in Power Sector, an autonomous organization of the Ministry of Power (MoP), Govt. of India having its Corporate Office at NPTI Complex, Sector-33, Faridabad-121003, Haryana (Hereinafter referred to as "NPTI" which expression shall unless repugnant to the context or meaning thereof, mean and include its successors, executors and permitted assigns) of the First Part

**AND**

**Coimbatore Institute of Technology (CIT)**, Civil Aerodrome Post, Coimbatore, Tamilnadu, Pin: 641014 (Hereinafter referred to as "CIT") is a Government Aided academic institution dedicated to providing educational opportunities for the intellectual, social and professional development of a diverse student population.

  
**Dr. V. SELLADURAI, M.E. Ph.D.,**  
RE., FIE, FIPE, SLM (DRS) LPM (SS)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

  
**VEIRAJ KISHOR,**  
Principal Director  
NATIONAL POWER TRAINING INSTITUTE  
Ministry of Power, Govt. of India  
Sector-33, Faridabad-121003

**WHEREAS:-**

NPTI is among the World's leading integrated power training institutes, one of its kind covering a wide gamut of academic and training programs in the Power Sector;

NPTI with its existence of over 50 years operates through its Corporate Office at Faridabad and institutes at New Delhi, Nangal, Bengaluru, Neyveli, Durgapur, Guwahati, Nagpur and upcoming institutes at Alappuzha and Shivpuri, thus having its presence in the entire country.

NPTI has so far trained over 3, 26, 000 Power Professionals in regular programs over the last 5 decades. A number of customized training programs for national and international clients are regularly conducted. These programs benefit the executives from different Organizations. NPTI also provides training to operational personnel on its Control Room Generation Simulators in Thermal, Hydro, Load Dispatch and specialized training in Hot Line training activities etc. NPTI has recently started capsule courses such as Post Graduate Diploma in the areas of Smart Grid Technologies, Power System Operation, and Renewable Energy & Grid Interface Technologies. These courses are primarily aimed to address the needs of the upcoming energy sector.

**WHEREAS:-**

**Coimbatore Institute of Technology (CIT)**, Civil Aerodrome Post, Coimbatore, Tamilnadu, Pin: 641014 is a Government Aided academic institution dedicated to providing educational opportunities for the intellectual, social and professional development of a diverse student population.

Both NPTI and CIT, therefore, agree to work together in an integrated and collaborative manner in relation to Training & Human Resource Development Programs.

**Article 1 – Areas of Cooperation**

THEREFORE, NPTI and CIT mutually agree to the following terms and conditions: -

- i. CIT shall collaborate with NPTI to achieve the objectives of CIT in terms of Training & Human Resource Development Programs to the students with different levels and varied requirements.
- ii. NPTI shall conduct training programs on-site in the premises of CIT or at NPTI premises as per the following details.

**1. Two Weeks On-Site Training Program at CIT:**

- i. NPTI shall conduct Training Program on **“Power Generation, Transmission and Distribution System including Smart Grid Technologies”**.
- ii. The training program shall be of 2 weeks (10 working days) and will be on-site in nature to be conducted in the premises of CIT.
- iii. The above training program includes the following technical visits apart from class room lectures
  1. General visit to Thermal Power Plants
  2. Solar Power Plant
- iv. The batch size of each Training Program shall consist of 30 (thirty) participants.
- v. Participation fee of Rs.10, 000/- (Rupees Ten Thousand only) plus GST 18% shall be charged by NPTI per participant to be paid by CIT.
- vi. NPTI shall provide training kit and hard & soft copy of study material to the

**Dr. V. SELLADURAI, M.E., Ph.D.,**  
FIE., FIE., FIPE., Sr.M (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

**GIRISH KISHOR,**  
Principal Director,  
NATIONAL POWER TRAINING INSTITUTE  
Ministry of Power, Govt. of India,  
Southern Region, Block-14, NEYVELI-605 002

Page 2 of 4

- participants.
- vii. Conveyance, Lodging & Boarding for 2/3 Faculty Members per day shall be arranged by CIT.
  - viii. The conveyance for plant visits shall be arranged by CIT. Permission for visiting Plant shall be obtained by NPTI.

**2. Two Weeks Internship Training Program at NPTI**

- i. CIT shall be deputing their Engineering Students for two weeks Internship training to NPTI wherein there will be classroom sessions and power plant visits at Neyveli.
- ii. The above training program includes the following technical visits apart from class room lectures
  - a) General visit to Thermal Power Plants of 210/250 MW capacity.
  - b) Thermal Power Plant Boiler and Auxiliaries.
  - c) Thermal Power Plant Turbine and Auxiliaries.
  - d) Thermal Power Plant Generator and Switchyard.
  - e) Solar Power Plant of 10/130 MW capacity and its pooling sub-station.
- iii. Participation fee Rs. 10,000/- (Rupees Ten Thousand only) plus GST 18% shall be charged per participants to be paid by CIT to NPTI.
- iv. The batch size of each program shall be a maximum number of 60 (Sixty) participants.
- v. Lodging and Boarding will be provided to the students on chargeable basis.
- vi. NPTI shall facilitate, check-in one day prior to commencement of training and check-out next day after completion of training depending on travel plan of participants.

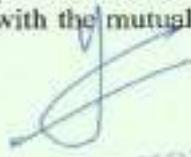
**If the training program is for less than two weeks, then fee will be charged on pro-rata basis.**

- 3. CIT would ensure payment of participation fee in advance before start of the program.
- 4. This document constitutes the entire understanding and agreement of the Parties. No amendment, change, or modification of this agreement shall be valid unless put in writing and signed by both the Parties hereto.
- 5. After successful completion of the program, NPTI will issue the certificates to candidates.

**Article 2 – Validity**

The Memorandum of Understanding (MoU) will enter into force on the date of its signing and will remain valid till **two (2) years**. However, agreements concluded under this MoU shall be valid till end of contracting obligations and responsibilities of the concerned parties. The validity of this MoU can be further extended with the mutual consent of the parties in writing.

  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
FE., FVE., FIPE., Sr.M (DRS) LPM (SS)  
PRINCIPAL  
COMBATOR INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

  
**GIRIRAJ KISHOR,**  
Principal Director,  
NATIONAL POWER TRAINING INSTITUTE,  
Ministry of Power, Govt. of India  
Southern Region, Block-11, NEYVELI-605 011.  
Page 3 of 4

**Article 3 - Termination**

This MoU can be terminated by either party by serving three months (90 days) notice in writing, without assigning any reason, subject to completion of assignments in hand.

**Article 4 – Governing Law**

Laws of India shall govern this MoU.

**Article 5 – Others**

This Memorandum does not grant any exclusive right to any of the two Parties in the areas of cooperation that they mutually agree and shall not create any legal binding obligations upon either Party.

IN WITNESS THEREOF, the undersigned duly authorized thereto have signed this Memorandum of Understanding.



**COIMBATORE INSTITUTE  
OF TECHNOLOGY (CIT)**

Date: **Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FKE., FIPE., Sr.M (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA**

**WITNESSED BY:**

1.   
**Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA**

2.



**NATIONAL POWER TRAINING  
INSTITUTE (NPTI)**

Date:

**GIRIRAJ KISHOR,  
Principal Director,  
NATIONAL POWER TRAINING INSTITUTE,  
Ministry of Power, Govt. of India,  
Southern Region, Block-14, Neyveli-605 005.**

**WITNESSED BY:**

1.   
**B. SUBRAMANIAN, IAS  
DIRECTOR  
NATIONAL POWER TRAINING INSTT  
Ministry of Power, Govt. of India,  
Southern Region, Block-14, Neyveli-605 005.**

2.



21.06.2019/11a

தமிழ்நாடு தமில்நாடு TAMIL NADU N-1111 68AB 642158

Coimbatore Institute of Technology  
Coimbatore

ம. சேலாடூர்  
உத்தரவிடப்பட்ட தலைவர் சிபிடிபி.கே.எஸ்.என்.எம்.சி  
மாண்புமிகு தலைவர்  
செயலகம்: தமிழ்நாடு  
கோவை - 641 014



Memorandum of Understanding

This Memorandum of Understanding (MOU) is made on **Wednesday** the 10<sup>th</sup> July 2019 between M/s. Roots Industries India Limited, (CIN:U02520TZ1990PLC002987) a company incorporated under the Companies Act, 1956 and having its registered office at R. K. G. Industrial Estate, Ganapathy, Coimbatore - 641 006 (Hereinafter referred to as "ROOTS" which expression shall unless repugnant to the context or meaning thereof, include its successors in interest and permitted assigns),

and

Coimbatore Institute of Technology, an Autonomous Educational Institution, approved by All India Council for Technical Education (AICTE), Accredited by National Assessment and Accreditation Council (NAAC), New Delhi and situated at Coimbatore, Tamil Nadu 641 014 (Herein after referred to as "CIT", which expression shall unless repugnant to the context or meaning thereof, include its successors in interest and permitted assigns)



  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FE., FIE., FPE., Sr.M (ORSI) LPM (SSI)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014, INDIA**

"Parties" shall mean ROOTS and CIT and "Party" shall mean either ROOTS or CIT as the case may be.

Whereas CIT has expressed its interest that its students be offered training in areas like Manufacturing Process, Design and Metrology etc., which will equip their students to meet with Industry requirements when they complete their graduation / Post graduation at CIT.

The parties propose to enter into this Memorandum of Understanding with the objective of furthering industry – academic relationship for mutual benefit, building fruitful and mutual relation, and of proposing to offer programs of mutual interest as may be agreed by the parties from time to time.

The parties are coming together for providing training, workshops, trade shows and students' activities in and out of CIT premises. CIT is responsible for developing infrastructure with all amenities for the same and ROOTS will support by providing Technical Personnel for conducting Training, workshop and related students' activities.

**NOW IT IS HEREBY AGREED AS FOLLOWS:**

ROOTS will provide necessary practical exposure to the students of CIT. This will enable the students to bridge the gap between academics vis-à-vis industry environment.

CIT hereby agrees to pay to ROOTS Rs.1070/- (Rupees One Thousand and Seventy Only) inclusive of Taxes per student per day for the training program. The training will comprise of the following Modules.

Module 1: Manufacturing Process (1 Day theory at CIT & 1 Day Shop floor demo at ROOTS)

1. Stamping
2. Injection Moulding
3. Die Casting

Module 2 : Design and Metrology (1 Day theory at CIT & 1 Day Shop floor demo at ROOTS)

1. Understanding drawings
2. Geometrical dimensioning in drawings
3. CMM
4. Calibration methods
5. Electro Mechanical calibration.

Module 3: Problem Solving Methods (1 Day theory at CIT & 1 Day Shop floor demo at ROOTS)

1. Problem solving methodology using 7 QC Tools

Module 4 - Productivity Improvement Techniques (1 Day theory at CIT & 1 Day Shop floor demo at ROOTS)

1. 5S
2. Kaizen
3. Lean

The training will comprise of theoretical and practical exposure.

Each Module will be conducted for two days. One day theory session in CIT premises and practical session at relevant ROOTS group of companies.

CIT agrees to send 60 students in a batch and will take steps to provide minimum 2 batches (120 students) per academic year. The first training program has commenced during July 2019. The methodology of training and combination of one or more areas will be at the discretion of ROOTS.



  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FE., FIE., FIPE., Sc.M (ORSI) LPM (SSI)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014, INDIA**

The training undergone by students will be subject to a review process at the end of the Training Program.

Successful students will be given the certificate for the training program undergone by them.

Based on mutual discussion, ROOTS and CIT will decide on conducting detailed courses for UG and PG students and they may be exposed to areas like Manufacturing technologies, 5S, Measurement techniques, Quality tools for problem solving, Quality management system, Kaizen, Basics of Lean etc., which is proposed to be covered. The number of students and the fee structure for the said detailed course will be decided in due course of time.

**CIT hereby consents to the following Rules and Regulations of ROOTS in respect of its students who are attending the training:**

The students will arrive on time.

The students will adhere to the Attendance and other formalities prescribed by ROOTS.

The students will carry with them the Identity Card issued by CIT and each student will wear the same during the training program.

The students will not carry Mobile Phones / Laptops / Cameras / Other objectionable gadgets inside ROOTS.

The students will come in prescribed dress code.

The students are restricted to visit other than the place of training inside the ROOTS campus.

The students will not take photo shoot or take photo copy of the materials pertaining to ROOTS.

The students will not disclose any materials, facts etc. pertaining to ROOTS to third parties.

Any damage to the property of ROOTS during the students training program will be borne by CIT.

CIT hereby agrees that if any student is violating the above rules, ROOTS will terminate the training of the student and the training certificate will not be provided to that student. The decision of ROOTS in this case will be final and binding.

CIT will make the necessary arrangements for transport, food and accommodation to students visiting ROOTS for the training program. If requested by CIT, ROOTS may organize for morning and evening refreshments and working lunch for the students.

This training program by ROOTS to CIT students does not guarantee any placement opportunities to them at any point of time.

Providing of any study materials to CIT students will be at the discretion of ROOTS.



  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FI.E., FI.E., FIPE., Sr.M (ORSI) LPM (SS)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014, INDIA**

### Handling of Confidential Information

"Confidential Information" shall mean any information, data, drawings and materials (hereinafter referred to as 'Information') relating to the purpose and pertains to ROOTS business or affairs disclosed whether in writing, orally or by any other means to CIT by ROOTS whether before or after the date of this MOU, but shall not include any part of such disclosed information or data which,

- is or becomes common knowledge or in public domain without breach of this MOU by CIT or;
- CIT can show that it was in their possession or known to them by being in its use or being recorded in its files or computers or other recording media prior to receipt from ROOTS and was not previously acquired by them from ROOTS under an obligation of confidence or ;
- has been developed for or by CIT at any time independently of any information disclosed to them by ROOTS or ;
- is hereafter disclosed by ROOTS to CIT without restriction on disclosure or use or ;
- is disclosed by CIT with the prior written approval of ROOTS.

"Purpose" shall mean sharing of confidential information by ROOTS to CIT for the purpose of engineering simulation studies, design margin comparison under virtual mode, failure analysis by utilizing analytical equipment's, simulation software's, expertise knowledge, etc., design analysis such as tolerance stack, life estimation, etc., and includes any discussions and negotiations between or within the parties concerning or in connection with the establishment of a relationship between the parties.

CIT shall maintain confidential Information in confidence and shall exercise in relation thereto no lesser security measures and degree of care than those which CIT applies to its own confidential information which CIT warrants as providing adequate protection against any authorized disclosures copying or use.

CIT warrants that they will use their best endeavors to ensure that disclosure of such confidential information is restricted to those employees and students having a need to know the same for the purpose. Copies or reproduction shall not be made except to the extent reasonably necessary for the purpose and all copies made shall be the property of ROOTS.

When the purpose between the parties have either been concluded, or not pursued by any party to the MOU or the MOU has been terminated, CIT undertakes to promptly return to ROOTS all data given by ROOTS including any copies thereof.

CIT shall not divulge confidential Information in whole or in part to any one and shall use the same only and exclusively for the said purpose. Notwithstanding the forgoing CIT shall be entitled to make any disclosure of any confidential information required by law or by any authority or under an order of a court or a competent authority provided that it gives ROOTS not less than Seven business days prior written notice of such requirement of such disclosure.



  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FIE., FIE., FIPE., Sr.M (ORSI) LPM (SSI)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014, INDIA**

ROOTS authorizes CIT to use the confidential information for the said purpose. Both parties acknowledge that this MOU does not imply granting of or any waiver of any right or action under the Patent, Trademark, Copyright, Design or other intellectual property laws.

CIT acknowledges that the intellectual property including but not limited to Patents, Trademark, Copyright and design in the information that is given to them by ROOTS will remain the exclusive property of ROOTS.

#### **Invoices**

On Completion of training for every batch ROOTS will raise invoice on CIT, which CIT agrees to pay within 30 days from the date of invoice.

#### **Notices**

All notices under this MOU shall be in writing, sent by telex, facsimile or delivered by way of post or by courier to the other party being served at its address specified above, the date of service shall be deemed to be the day following the day (excluding holidays, Sundays and other days of business closure) on which the notice was transmitted or in the case of courier on the expiry of Seven working days after the notice was handed over to the courier, as the case may be.

#### **Term and Termination**

This MOU shall be valid for a period of two years from the day and date mentioned above. The restrictions and obligations contained herein shall continue for a period of five years from the date of signature of this MOU. This MOU can be terminated based on mutual consent by both parties or on account of breach of any of the obligations under the MOU by either of the parties, by giving a notice as specified above. Within 30 days of the receipt of such notice from ROOTS terminating the MOU, CIT shall return all information that they have received including copies and inventory if any thereof from ROOTS under the terms of this MOU.

#### **Injunctive relief**

CIT agrees that in addition to whatever remedy may be available to ROOTS under applicable laws, ROOTS shall be entitled to obtain injunctive relief with respect to any actual or threatened violation of this MOU by CIT. CIT agrees that they shall bear all costs and expenses including attorney's fees and cost, incurred by ROOTS in enforcing the provisions of this MOU.

#### **Non Assignment**

This MOU shall not be transferred or assigned in whole or in part by CIT without the prior written consent of ROOTS.

#### **Arbitration**

Incase of dispute if any, between the parties with regard to this MOU the same shall be settled by the way of mutual discussion.

The arbitration shall be in accordance with Arbitration and Conciliation Act, 1996 or any amendment thereof.



  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE., FNE., FIPE., Sr.M (ORS) LPM (SS)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

**Governing law**

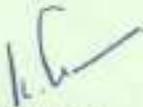
This MOU shall be construed in accordance with the laws of India. Both parties agree to submit to the exclusive jurisdiction of the courts of Coimbatore.

This MOU is executed in two originals and each party shall have 7 retain one original.

As Witness this MOU has been signed on behalf of each party by its duly authorized representatives as of the day and year first above written.

For **Roots Industries India Limited**

For **Coimbatore Institute of Technology**

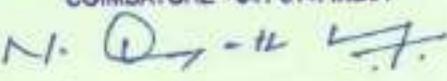
  
**K. GUHAN**  
Director - Quality



  
**DR. V. SELLADURAI**  
Principal  
**Dr. V. SELLADURAI, M.E., Ph.D.**  
FIE., FIE., FIPE., Sc.M (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

Witness:

1.   
**Dr. K. MARIMUTHU, Ph.D.,**  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

2.   
**N. Sampathkumar**  
Head Training & Development  
ROOTS INDUSTRIES INDIA LIMITED.



**MEMORANDUM OF  
UNDERSTANDING (MoU)**

Between

**Coimbatore Institute of  
Technology, Coimbatore**

And

**Sharp Electrodes Pvt.Ltd,  
Coimbatore**

27<sup>th</sup> June, 2019



**COMPANY NAME** : SHARP ELECTRODES PVT.LTD,

**MANAGING DIRECTOR** : DR.J.MOHANA SUNDARI

**ADDRESS** :330/2C1, SHARP NAGAR,  
SITRA ROAD, KALAPPATI,  
COIMBATORE – 641048.

**CONTACT NO** : 0422-2627726, 2627624,  
99449 73400

**EMAIL** : [jm@sharpelectrode.com](mailto:jm@sharpelectrode.com)



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தமிழ்நாடு தமில்நாடு TAMIL NADU N. H. S. 68AB 642157

பி. சேலதுரை  
 அரசு சாலை வீதி, கோயம்புத்தூர்  
 கோயம்புத்தூர், தமிழ்நாடு  
 ஊரை: 14/02/81/84

Coimbatore Institute of Technology

Coimbatore MEMORANDUM OF UNDERSTANDING (MoU)



This MoU is entered between SHARP ELECTRODES PVT LTD a private company registered under companies act 1956, having its registered office at 330/2c1, Sharp Nagar, SITRA ROAD, Kalapatti, Coimbatore - 641048, hereinafter called 'SHARP' and includes its assigns, legal heirs and successor of Part-I, represented by its Managing Director Dr. J. Mohanasundari

AND

COIMBATORE INSTITUTE OF TECHNOLOGY established in 1958, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called 'CIT' and includes its assigns, legal heirs and successors of Part-II, represented by its Principal Dr. V. Selladurai.

SHARP and CIT have entered into this agreement to their mutual intentions to jointly work on projects required for industries, benefiting MSME's of Coimbatore region and the details are reduced into this MoU for future reference.

*J. Mohanasundari*

*V. Selladurai*

## **PREAMBLE**

**SHARP** and **CIT**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & Special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Studies & Survey

### **Terms Agreed**

#### **1. Industrial Visit**

Subject to operational feasibility, SHARP will allow students for industrial visits for the benefit of practical exposure on hi-tech machines and equipments.

#### **2. In-plant Training & Certificate and other necessary skill development training**

SHARP will facilitate the students to undertake in-plant training and allow them for special skill development trainings in wire drawing machines, wire straightening and cutting machine, dry flux blending machine, oven for baking, export packing machine and shrink wrapping machine in their facilities to get first hand practical experience.

#### **3. Guest Lecture**

SHARP will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; the Institution will provide expertise and its facilities to SHARP. It is agreed to have periodical presentation of papers from the learned faculty members of the Institution and SHARP, on mutual consent.

#### **4. Project Work**

SHARP may allow students of CIT for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

#### **5. Problem Solving**

Problems identified in thrust areas during the course of interaction between CIT and SHARP, will be addressed through collaborative work between the CIT and SHARP for further industrial visit and inplant special skill training and development.

#### **6. Studies and Survey**

SHARP may provide opportunities and inputs to the students of CIT to undertake field studies and provide inputs for surveys related to the field of production management and technology development.

#### **7. Monitoring**

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from CIT and SHARP will function as its Secretaries for the purpose of communication and coordination.

*J. Mohan Sundari*

*5*

## 8. Validity and Termination

This MoU takes effect from 27.06.2019 and valid for the period of FIVE years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing.

In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of SHARP is intended for our company production purposes, it will benefit the students who are coming over to the company for in plant training and industrial visit.

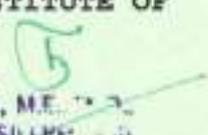
The Institution is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to SHARP in the routine outbound learning and training related activities. In the event of any damage or loss incurred to SHARP by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by the Institution.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 27.06.2019 AT COIMBATORE.

For

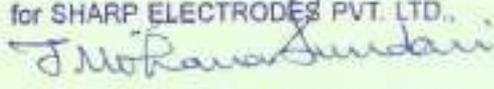
COIMBATORE INSTITUTE OF  
TECHNOLOGY

  
**Dr. V. SELLADURAI, M.E.**  
FIE., FKE., FIPE., Sc.M (GRS), LPM, ...  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

Dr. V. Selladurai  
PRINCIPAL

For

SHARP ELECTRODES PVT LTD  
for SHARP ELECTRODES PVT. LTD.,



J. MOHANASUNDARI  
Managing Director

Dr.J.Mohanasundari  
MANAGING DIRECTOR



Witness:

  
1) **Dr. K. MARIMUTHU, M.E., Ph.D**  
Professor & Head  
Department of Mechanical Engineering  
Coimbatore Institute of Technology  
COIMBATORE - 641014, INDIA

2) *P.a. Sreekanth. Salsubanth.*  
Business development lead.  
SHARP ELECTRODES PVT LTD.



7100 / 2706 2019 / 1100  
தமிழ்நாடு தமில்நாடு TAMILNADU N-H

The Principal CSI

ந. வேமலதா  
முத்திரை தான் விற்பனையாளர்  
மாவட்ட நீதி மன்றம்  
கோயமுத்தூர், தமில்நாடு,  
எண் : 14/82/பி/84

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MEMORANDUM OF UNDERSTANDING  
BETWEEN  
COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE-641014  
AND  
SAI INCUBATION CENTRE, COIMBATORE

PREAMBLE

COIMBATORE INSTITUTE OF TECHNOLOGY (CIIT), COIMBATORE (herein called Institution) a highly reputed Technical Institution having the vision of becoming a Centre of Excellence which has learned faculty, high quality laboratories and facilities and large student community, who can complement the efforts of industries.

and

SAI INCUBATION CENTRE, COIMBATORE (herein called Embedded & IoT System based company), one of the leading organizations in the Coimbatore district, specializes in

  
SAI INCUBATION CENTRE  
FOR EMBEDDED & IOT SYSTEM  
2/499, Sri Ranganatha Mill Compound,  
Venkittapuram Road, Chinlampalayam,  
Coimbatore - 641 062  
Cell: 95008 12679, 01222 95172

  
P. V. SELLADURAI, B.E., M.B.,  
FEL., FIE., FPE., FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

research & developing new products related to Embedded and Internet of Things domain and providing trainings & guidance to the engineering aspirants in transforming their innovative ideas into end products.

Jointly agree to exchange their expertise for mutual benefit and growth on the terms mentioned hereunder.

### SCOPE OF CO-OPERATION

Both the parties believe that close co-operation would be of major benefit mutually to institution and company. Accordingly, the following objectives are identified

- Regular exchange of resource and knowledge
- Trapping of potentials which contribute to mutual benefits
- Joint effort to identify avenues for improving the relationship and its products
- Striving to achieve the mission and work on the path of vision to maintain the quality policy of the component Institutions

The above objectives may be accomplished through the following fields:

1. Visits on either side
2. Training, placement and internship for UG/PG/Ph.D students
3. Sharing of facilities
4. Joint venture programs
5. Project work and problem solving (Research and Consultancy work)
6. Study, survey, Research and Development

### 1. VISITS ON EITHER SIDE

The Company would be instrumental to permit the students of the Institution to undertake Industrial Visits and Students Internship under its purview for the benefit of practical exposure.

The Institution would be happy to facilitate for the institutional visit of the members and/or experts from the company as mentioned above. If any important technical meetings & Conferences are held in the institution, invitation could be extended to the company.

### 2. TRAINING, PLACEMENT AND INTERNSHIP

Training/Internship to UG/PG/Ph.D students during vacation or otherwise special, may be facilitated by the Company through the institution while any type of training programs for industrial personnel, staffs and exclusive falling within the scope of the institution will be provided by the institution. However, every program would have to be worked out separately by both the Institutions.

Placement to students is arranged by the Placement Cell of the institution and the company would contribute to the success of the program. Training sessions may be organized at the institution for the employees of the Company members.

### 3. SHARING OF FACILITIES

The Company can facilitate making use of various equipments, laboratories, library, computers of the institution for the purpose of testing, study, calibration and research activities. Similarly the students and/or staff may also be permitted, if required to utilize the facilities of the Company for the broad purpose of education, teaching, skill development, etc.

  
**SAI INCUBATION CENTRE**  
FOR EMBEDDED & IOT SYSTEM  
2/499, Sri Ranganatha Mill Compound,  
Venkittapuram Road, Chinnaiahpalayam,  
Coimbatore - 641 062  
Cell: 95008 12679, 81222 95172

  
**Dr. V. SELLADURAI, M.A., Ph.D.**  
M.E., Ph.D., P.P.E., P.O.S.I.  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

#### 4. JOINT VENTURE PROGRAMS

Technical conferences, seminars, faculty development program, symposium, exhibitions, practical testing classes may be arranged under joint venture by both parties, the logistics of which are to be worked out separately for every program.

#### 5. PROJECT WORK AND PROBLEM SOLVING

The Company would strive to use the students for doing live projects at their industries while the institutional faculty would be willing to undertake any short-term project or problem solving for the industries, the logistics of which are separate. A copy of such project report developed by the students of Institution may be sent to the company.

#### 6. STUDY, SURVEY, RESEARCH AND DEVELOPMENT

The Company can facilitate to provide opportunities and inputs to students of the institution to undertake field studies and provide inputs for surveys related to technical field and innovations therein. The institution may help the company members for product development, quality improvement, cost control and testing at appropriate cost.

#### GENERAL

1. Based on the need for human resource, the Company would give priority to the students of the institution in recruitment of technical personnel other things being equal.
2. A Steering Committee consisting of members from both the parties would be functionary to execute this MoU for a duration of 5 years from the date of agreement.
3. The Steering Committee will provide policy direction related to all activities and financial implications.
4. The steering Committee would meet twice in a year to review the progress in the elements of this MoU.
5. One of the members of Steering Committee on each side will function as its secretary.
6. Any other matter which falls as a result of any above mentioned would be discussed and suitable action would be taken.

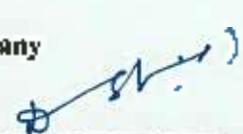
#### MoU

Both the Institution and Company value the spirit of this MoU and would strive to continuously develop its various features.

Signed at Coimbatore Institute of Technology, Coimbatore-64104. on the 27<sup>th</sup> day of June, Two Thousand and Nineteen.

For Company

Signature

  
**SAI INCUBATION CENTRE  
FOR EMBEDDED & IOT SYSTEM**  
2/499, Sri Ranganatha Hill Compound,  
Coimbatore - 641062  
Cell: 95008 12679, 81222 95172

Name

: Mr. DINESH PONNUSWAMY

Title

: MANAGING PARTNER  
SAI Incubation Centre  
Coimbatore-641062

For Institution

Signature

  
**Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641014 INDIA**

Name

: Dr. V. SELLADURAI

Title

: PRINCIPAL  
Coimbatore Institute of Technology  
Coimbatore-641014.

Witnesses:

1.



**Dr. A. RAJESWARI Ph.D**  
Professor and Head  
Dept. of Electronics and Communication Engineering  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641014, INDIA

2.





25/03/2019

## TO WHOM IT MAY CONCERN:

This is to certify that RAGHAVENTHIRAN.KR (1704219), a student of Coimbatore Institute of Technology – Electronics and Communication Engineering Department, has successfully completed his project titled "IoT BASED SMART CAMPUS" in our company.

All necessary details were provided from our side for the establishment of this project.

We wish him all success.

Pinesh Ponnuswamy,

Managing Partner,

**SAI INCUBATION CENTRE**  
FOR EMBEDDED & IOT SYSTEM  
2/499, Sri Ranganathar Mill Compound,  
Venkittapuram Road, Chinnampalayam,  
Coimbatore - 641 062  
Cell: 95008 12679, 81222 95172

## SAI Incubation Centre

for Embedded & IoT Systems

2/499, Sri Ranganathar Mill Compound, Venkitta puram Road,

Chinnampalayam, Coimbatore - 641 062.

Mobile : 95008 12679, 81222 95172

solutions4allideas@gmail.com

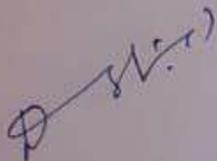
25/03/2019

**TO WHOM IT MAY CONCERN:**

This is to certify that SUBASHINI.R(1604107), a student of Coimbatore Institute of Technology – Electronics and Communication Engineering Department, has successfully completed her project titled **“SMART WASTE MANAGEMENT SYSTEM”** in our company.

All necessary details were provided from our side for the establishment of this project.

We wish her all success.



Dinesh Ponnuswamy,

Managing Partner,

**SAI INCUBATION CENTRE**  
FOR EMBEDDED & IOT SYSTEM  
2/499, Sri Ranganathar Mill Compound,  
Venkittapuram Road, Chinnampalayam,  
Coimbatore - 641 062  
Cell: 95008 12679, 81222 95172



## Course Content for Python

### Overview:

Python is a high-level, interpreted, interactive and object-oriented scripting language. Python is designed to be highly readable. It uses English keywords frequently where as other languages use punctuation, and it has fewer syntactical constructions than other languages.

The duration of this workshop will be 45 hours, properly divided into theory and hand on practical sessions.

### Programming Essentials:

#### Introduction

- ✓ History
- ✓ Features
- ✓ Setting up path
- ✓ Working with Python
- ✓ Basic Syntax
- ✓ Variable and Data Types
- ✓ Operator

#### Conditional Statements

- ✓ If
- ✓ If- else
- ✓ Nested if-else

#### Looping

- ✓ For
- ✓ While
- ✓ Nested loops

#### Control Statements

- ✓ Break
- ✓ Continue
- ✓ Pass

#### String Manipulation

- ✓ Accessing Strings
- ✓ Basic Operations
- ✓ String slices
- ✓ Function and Methods



## Lists

- ✓ Introduction
- ✓ Accessing list
- ✓ Operations
- ✓ Working with lists
- ✓ Function and Methods

## Tuple

- ✓ Introduction
- ✓ Accessing tuples
- ✓ Operations
- ✓ Working
- ✓ Functions and Methods

## Dictionaries

- ✓ Introduction
- ✓ Accessing values in dictionaries
- ✓ Working with dictionaries
- ✓ Properties
- ✓ Functions

## Functions

- ✓ Defining a function
- ✓ Calling a function
- ✓ Types of functions
- ✓ Function Arguments
- ✓ Anonymous functions
- ✓ Global and local variables

## Modules

- ✓ Importing module
- ✓ Math module
- ✓ Random module
- ✓ Packages
- ✓ Composition



## Input-Output

- ✓ Printing on screen
- ✓ Reading data from keyboard
- ✓ Opening and closing file
- ✓ Reading and writing files
- ✓ Functions

## Exception Handling

- ✓ Exception
- ✓ Exception Handling
- ✓ Except clause
- ✓ Try ? finally clause
- ✓ User Defined Exceptions

## OOPs concept

- ✓ Class and object
- ✓ Attributes
- ✓ Inheritance
- ✓ Overloading
- ✓ Overriding
- ✓ Data hiding

## Database

- ✓ Introduction
- ✓ Connections
- ✓ Executing queries
- ✓ Transactions
- ✓ Handling error



## Practical Experiments Essentials:

### Preparing SD Card for OS Installation

- Downloading Image
- Various Operating Systems Available
- Making SD Card:
- Fedora ARM Installer
- Raspberry Pi SD Installer
- First time configuration
- Booting Into Desktop
- Raspi-Config

## Practical Experiments list:

1. An experiment with a python script to control digital pins using Push Button interfacing.
2. An experiment with a python script to read sensor data using PCF8591 ADC Module.
3. An experiment with a python script to interface 7 segment displays.
4. An experiment with a python script for storing sensor data in mysql database.
5. An experiment to control a servo motor using PWM signal.
6. An experiment with a python script to count the number of visitors entering the hall.
7. An experiment to send an email via raspberry pi using gmail SMTP server.
8. An experiment for creating a monitoring and control application from eclipse cloud server using MQTT Protocol.



# **MEMORANDUM OF UNDERSTANDING (MoU)**

Between

**Coimbatore Institute of Technology,  
Coimbatore**

And

**Coimbatore Industrial Infrastructure  
Association (COINDIA), Coimbatore**

21<sup>st</sup> June, 2019

**COMPANY NAME** : COIMBATORE INDUSTRIAL INFRASTRUCTURE  
ASSOCIATION (COINDIA)

**PRESIDENT** : SHRI.S.KUPPUSAMY

**ADDRESS** : SIEMA BUILDING – II FLOOR,  
8/4,RACE COURSE COIMBATORE - 641018.

**CONTACT NO** : 0422- 4394128, 0422-4394227

**EMAIL** : [info@coindia.in](mailto:info@coindia.in)

भारतीय गैर न्यायिक

पचास  
रुपये  
रु.50

FIFTY  
RUPEES  
Rs.50

INDIA NON JUDICIAL

கொழும்புத் தாது தமில்நாடு TAMILNADU

AZ 428763

5-3-19 CoIndia  
Cbe

S. MURUGANANTHAM  
STAMP VENDOR,  
R.O. PARTY SHED,  
CBE-18, TAMIL NADU,  
REF. NO: 4914/B1/84

MEMORANDUM OF UNDERSTANDING (MoU)

This MoU is entered on 21<sup>st</sup> June 2019 between **Coimbatore Industrial Infrastructure Association**, a society, registered under Tamil Nadu Society Registration Act 1975, having its Registered Office at B/4, Race Course, Coimbatore 641 018, hereinafter called '**COINDIA**' and includes its assigns, legal heirs and successors of Part-I, represented by its **President Shri. S.Kuppusamy**.

and

**Coimbatore Institute of Technology (CIT)**, established in 1956, (promoted and run by M Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called '**the Institution**' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladurai**.

1/5

**Dr. V. SELLADURAI, M.E. Ph.D.,**  
RE. FIVE, FIDE. S.M (DRSD) LPM (SS)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

For COIMBATORE INDUSTRIAL  
INFRASTRUCTURE ASSOCIATION

*[Signature]*  
President

**COINDIA** and the **INSTITUTION** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work, benefiting MSME's of Coimbatore region and the details are reduced into this MoU for future reference.

#### **PREAMBLE**

**COINDIA** and the **INSTITUTION**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

#### **Terms Agreed**

##### **1. Industrial Visit**

Subject to operational feasibility, COINDIA will allow students for industrial visits for the benefit of practical exposure on hi-tech machines and equipments.

##### **2. In-plant Training & Certificate and other necessary skill development training**

COINDIA will facilitate the students to undertake in-plant training and allow them for special

  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
**FE., FIE., FPE., ScM (ORSI) LPM (SS)**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE-641 014, INDIA**

2/5  
**For COIMBATORE INDUSTRIAL**  
**INFRASTRUCTURE ASSOCIATION**  
  
**President**

skill development trainings in CNC machine operations, 3 & 5 axis machines, Rapid Prototyping Machine, quality related areas, Tool and Die making (if any) in their facilities to get first hand practical experience. Interested students may also join in PG Diploma courses of COINDIA and Projects for future employment opportunities.

To facilitate the students, COINDIA will also conduct onsite training using softwares like AutoCAD, Pro-Engineer Wildfire, Unigraphics NX, SolidEdge MasterCAM, Unigraphics CAM, Ansys, Nastran for knowledge upgradation at a cost as mutually agreed upon.

The Institution to send minimum 60 students for training at COINDIA within the year of signing and for every academic year, failing which the MoU stands dissolved automatically".

### 3. Guest Lecture

COINDIA will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; the Institution will provide expertise and its facilities to COINDIA. It is agreed to have periodical presentation of papers from the learned faculty members of the Institution and COINDIA, on mutual consent.

### 4. Project Work

COINDIA may allow students of the INSTITUTION for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment subject to basic fees to be paid by students.

### 5. Research & Development

COINDIA may allow students and faculty members of the INSTITUTION for Research and Development work related in their fields.

### 6. Problem Solving

Problems identified in thrust areas during the course of interaction between the INSTITUTION and COINDIA, will be addressed through collaborative work between the INSTITUTION and COINDIA for further research and problem solving and there will be collaborative work between the INSTITUTION and COINDIA.

  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
FIE., FIE., FIPE., Sr.M (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

3/5  
For COIMBATORE INDUSTRIAL  
INFRASTRUCTURE ASSOCIATION  
  
President

### 7. Studies and Survey

COINDIA may provide opportunities and inputs to the students of the INSTITUTION to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

### 8. Placements

As and when deemed necessary, COINDIA will guide and assist the students of the INSTITUTION in getting better Industrial placements.

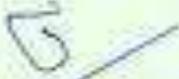
### 9. Monitoring

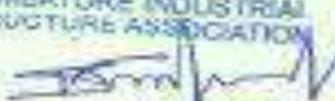
A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from the INSTITUTION and COINDIA will function as its Secretaries for the purpose of communication and coordination.

### 10. Validity and Termination

This MoU takes effect from 21<sup>st</sup> June 2019 and valid for the period of five years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days' notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of COINDIA is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by COINDIA upon mutual consent.

  
**Dr. V. SELLADURAI, M.E., Ph.D.,**  
FIE, FIE., RPE., SIM (ORSO) LPW (SS)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA

For COIMBATORE INDUSTRIAL  
INFRASTRUCTURE ASSOCIATION  
  
President

The Institution is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to COINDIA in the routine outbound learning and training related activities. In the event of any damage or loss incurred by COINDIA by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by the Institution.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 21<sup>st</sup> June 2019, AT COIMBATORE.

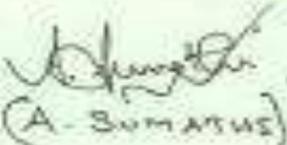
For COIMBATORE INSTITUTE  
OF TECHNOLOGY

Dr V Selladurai  
PRINCIPAL



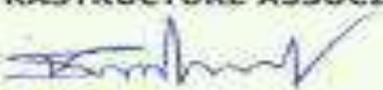
Dr. V. SELLADURAI, M.E., Ph.D.,  
RE., FIE., FPE., SrM (ORSE) LPM (SS)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014, INDIA.

Witness:

1)  Office Secretary  
(A. SUMATHUR) COINDIA.

2)   
Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA.

For COIMBATORE INDUSTRIAL  
INFRASTRUCTURE ASSOCIATION



Shri S Kuppusamy  
PRESIDENT



**KOSO**

**MEMORANDUM OF UNDERSTANDING  
(MoU)**

Between

**Coimbatore Institute of Technology,  
Coimbatore**

And

**KOSO India Pvt.Ltd, Coimbatore**

21<sup>st</sup> June, 2019



**COMPANY NAME** : KOSO INDIA PVT.LTD,

**GENERAL MANAGER:** SHRI .A.S.SHIVAKUMARAN,

**ADDRESS** : FOUNDRY DIVISION,  
1/80, TELUNGUPALAYAM ROAD,  
PILLAYAPPAMPALAYAM POST ANNUR,  
COIMBATORE 641 653

**CONTACT NO** : +91-4254-263416, +91-4254-263016

**EMAIL** : [foundrysales@koso.co.in](mailto:foundrysales@koso.co.in)



2106 2019 Mo

கமீட்டிபாடு தமிழ்நாடு TAMIL NADU ம. சிவசுந்தரன் 68AB 642154

Coimbatore Institute of technology.  
Coimbatore.

முத்திரை உள்ள விவரம்  
மாவட்ட நீதி மன்றம்  
கொயம்புத்தூர், தமிழ்நாடு  
எண்: 14/82/B/1/84



**MEMORANDUM OF UNDERSTANDING (MoU)**

This Memorandum of Understanding is made on 21<sup>ST</sup> June 2019 at Coimbatore Institute of Technology, Coimbatore - 641014

BY AND BETWEEN

M/s. **KOSO INDIA PVT LIMITED**, Foundry Division, 1/80, Telungupalayam Road, Pillayappampalayam, Annur, Coimbatore 641 653, (hereinafter called 'KOSO'), represented by its **General Manager, Shri. A. S. Shivakumaran.**

AND

**Coimbatore Institute of Technology**, established in 1956, (promoted and run by V. Rangasamy Naidu Educational Trust), registered under the Indian Trust Act, 1882, having its Office at Avinashi Road, Civil Aerodrome Post, Coimbatore - 641014, hereinafter called 'CIT' and includes its assigns, legal heirs and successors of Part-II, represented by its **Principal Dr. V. Selladurai.**

**KOSO** and **CIT** have entered into this agreement to their mutual intentions to jointly work on projects required for industries and research work, benefiting MSME's of Coimbatore region and the details are reduced into this MoU for future reference.

For: **KOSO INDIA PRIVATE LIMITED**

*A. S. Shivakumaran*

A. S. Shiva Kumaran  
General Manager

## **PREAMBLE**

**KOSO** and the **INSTITUTION**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. In-plant Training & special skill development training
3. Guest Lectures
4. Project Work - Assistance
5. Research & Development
6. Problem Solving
7. Studies & Survey
8. Placements

## **Terms Agreed**

### **1. Industrial Visit**

Subject to operational feasibility, KOSO will allow students for industrial visits for the benefit of practical exposure on hi-tech machines, equipment and systematic processes. The Industrial visit shall be informed to KOSO by Institution prior to a week period.

### **2. In-plant Training & Certificate and other necessary skill development training**

KOSO will facilitate the students to undertake in-plant training and allow them for special skill development trainings in design & development, production area, quality control methodologies in their facilities to get first hand practical experience. Students shall be provided with Bona-Fide from Institution as a token of representation.

To facilitate the students, KOSO will also conduct onsite training using softwares like AutoCAD, Solid Works and simulation soft wares ( if any) for knowledge up gradation at a cost as mutually agreed upon.

### **3. Guest Lecture**

KOSO will facilitate and arrange guest lectures on mutual consent, to students periodically to get them motivated to become successful entrepreneurs and vice versa; the Institution will provide expertise and its facilities to KOSO. It is agreed to have periodical presentation of papers from the learned faculty members of the Institution and KOSO, on mutual consent.

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KOSO may allow students of the INSTITUTION for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

### **5. Research & Development**

KOSO may allow students and faculty members of the INSTITUTION for Research and Development work related in their fields.

### **6. Problem Solving**

Problems identified in thrust areas during the course of interaction between the INSTITUTION and KOSO, will be addressed through collaborative work between the INSTITUTION and KOSO for further research and problem solving.

### **7. Studies and Survey**

KOSO may provide opportunities and inputs to the students of the INSTITUTION to undertake field studies and provide inputs for surveys related to the field of management, technology development and marketing.

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As and when deemed necessary, KOSO will guide and assist the students of the INSTITUTION in getting better Industrial placements.

### **9. Monitoring**

A steering committee will subsequently be formed to decide policy direction for working together. The steering committee shall meet at least once in six months to review the progress in the terms contained in this MoU. Two of the members of the steering

For KOSO INDIA PRIVATE LIMITED

A. S. Shiva Kumaran  
General Manager

committee, one each from the INSTITUTION and KOSO will function as its Secretaries for the purpose of communication and coordination.

### 9. Validity and Termination

This MoU takes effect from 21/06/2019 and valid for the period of **five** years from the date of signing with option for automatic renewal. Thereafter either party may terminate the MoU by giving to the other party 90 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent breaches.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students and makes them suitable to serve Micro Small and Medium Enterprises (MSMEs) of this region. While these common facilities of KOSO is intended for Common Use of Members and others, wherever applicable, any cost will have to be borne by the benefiting students or others. The said cost in the form of fees etc will be finalized by KOSO upon mutual consent.

The Institution is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to KOSO in the routine outbound learning and training related activities. In the event of any damage or loss incurred by KOSO by reason of allowing students to take up training during the course of training, the same has to be reimbursed on a cost to cost basis by the Institution.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 21/06/2019, AT COIMBATORE.

**For COIMBATORE INSTITUTE  
OF TECHNOLOGY**

**Dr. V. SELLADURAI, M.E., Ph.D.,**  
FIE., FIE., FIPE., Sr.M (ORSI) LPM (SSI)  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE-641 014. INDIA

**Dr V Selladurai**  
**PRINCIPAL**

**For KOSO INDIA PVT LIMITED**

For KOSO INDIA PRIVATE LIMITED  
*A. S. Shiva Kumaran*  
A. S. Shiva Kumaran  
General Manager

**Shri. A. S. Shivakumaran**  
**General Manager**

Witness:

1)

*[Signature]*  
**Dr. K. MARIMUTHU, M.E., Ph.D**  
Professor & Head  
Department of Mechanical Engineering  
Coimbatore Institute of Technology  
COIMBATORE - 641014. INDIA

2)

*[Signature]*  
A. V. VISHESH - HR Admin  
**KOSO INDIA PRIVATE LIMITED**  
1/80, TELUNGUPALAYAM ROAD  
PILLAYAPPAMPALAYAM (POST)  
ANNUR, COIMBATORE - 641 653.



# COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)  
(Affiliated to Anna University Chennai & Approved by AICTE, New Delhi)  
Established in 1956 A unit of V. Rangasamy Naidu Educational Trust  
CIVIL AERODROME POST, COIMBATORE - 641 014, TAMILNADU, INDIA

CORRESPONDENT

Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

PRINCIPAL IN-CHARGE

Dr. A. RAJESWARI M.E., Ph.D.,

01.03.2022

## DEPARTMENT OF MECHANICAL ENGINEERING

The schedule for the "FOUNDRY PRACTICE AND PROCEDURE" course is attached herewith.

Course Code : 19ME0005  
Course Name : Foundry Practice and Procedure  
Resource Person : KOSO India Pvt Ltd., Coimbatore

S.No.	Date	Time
1	12.03.2022	9.30 am to 12.45 pm (Includes 15 minutes break)
2	19.03.2022	
3	26.03.2022	
4	09.04.2022	
5	16.04.2022	

After the successful completion of the 15 hours duration of course the students will be provided a Attendance certificate.

  
01/03/22  
Head of the Department

Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

**COIMBATORE INSTITUTE OF TECHNOLOGY, Coimbatore - 14**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**ONE CREDIT COURSE DETAILS**

<b>Name of the Industry</b>	: <b>Koso India Private Limited</b> 1/80, Telungalayam Road, Pillayappornpalayam, Annur, Coimbatore – 641697 Tamil Nadu, India
<b>Name of the Course</b>	: One Credit Course on "Foundry Practice and Procedure"
<b>Course Duration</b>	: 15 hours
<b>Number of students per batch</b>	: 30
<b>Period</b>	: March 2022 to June 2022
<b>Department &amp; Institute to which the course is offered</b>	: Department of Mechanical Engineering, Coimbatore Institute of Technology, Civil Aerodrome Post, Coimbatore - 641014.
<b>Course Coordinators</b>	: <b>Koso India Private Limited:</b> 1. Mr.P.Sathiyamurthy (+91 94899 05681) 2. Mr.D.Sivakumar (+91 98941 09987) 3. Mr.S.SatheeshKumar  <b>Coimbatore Institute of Technology:</b> 1. Dr.A.S.Krishnan, (+91 94429 00100) Associate Professor, Department of Mechanical Engineering 2. Mr M Karthikeyan (+91 9790199975) Assistant Professor, Department of Mechanical Engineering
<b>Course Module</b>	: 1. Gating system design for pattern design – Method calculation (4 hours) 2. Moulding process- Alpha set (1 hour) 3. Melting process – Carbon Steel and Stainless Steel (ASTM A216 and ASTM A351) (3 Hours) 4. Heat Treatment – for Carbon Steel and Stainless Steel (2 hours) 5. Quality –for Carbon Steel and Stainless Steel –Destructive testing, NDT, Final inspection (4 hours) 6. Recent developments in the casting processes (1 Hour)  <b>Total: 15 Hours</b>

For Koso India Private Limited

For Coimbatore Institute of Technology

Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

*WPR*



# COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)

(Affiliated to Anna University, Chennai & Approved by AICTE, New Delhi)

Established in 1956 A unit of V. Rangasamy Naidu Educational Trust

CIVIL AERODROME POST, COIMBATORE - 641 014, TAMILNADU, INDIA

CORRESPONDENT

**Dr. S.R.K. PRASAD** D.Sc. (USA)

PRINCIPAL

**Dr. V. SELLADURAI** M.E., Ph.D.,

FIE, FIEE, FIPE, FORSP. LM (ISS)

18.02.2021

## DEPARTMENT OF MECHANICAL ENGINEERING

The schedule for the "Foundry Practice and Procedure" subject is attached herewith.

**Course Code** : 19MEOC05  
**Course Name** : Foundry Practice and Procedure  
**Resource Person** : KOSO India Private Limited

### **One Credit Course Class Schedule:**

S.No	Date	Time
1	20.02.2021	9.30 am to 12.45 pm (15 minutes Break)
2	27.02.2021	
3	06.03.2021	
4	13.03.2021	
5	20.03.2021	

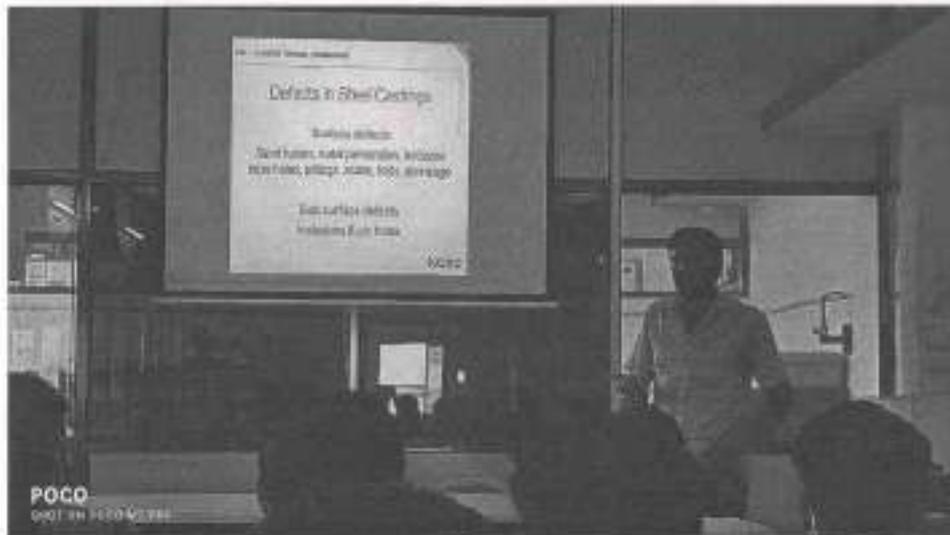
After the successful completion of the 15 hours duration of course the students will be provided an attendance certificate.



**Head of the Department**

**Dr. K. MARIMUTHU, Ph.D.,**  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

**ONE CREDIT COURSE**  
**FOUNDRY PRACTICE AND PROCEDURE**  
**KOSO INDUSTRIES – EVEN SEM – 2021**



**NDT AND INSPECTION IN MANUFACTURING**  
**EVEN SEM – 2021**





# COIMBATORE INSTITUTE OF TECHNOLOGY

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CIVIL AERODROME POST, COIMBATORE - 641 014, TAMILNADU, INDIA

CORRESPONDENT

PRINCIPAL IN-CHARGE

Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

Dr. A. RAJESWARI M.E., Ph.D.,

CIT/MECH/BoS/19/2021-22

15.02.2022

To

Mr. A. S. Shivakumaran  
General Manager  
KOSO India Private Limited, Foundry Division  
1/80, Telungupalayam Road,  
Pillayappampalayam, Annur  
Coimbatore - 641 653.

Dear Sir,

Sub: Invitation for 39<sup>th</sup> Board of Studies Meeting - Mechanical Engineering - Reg.

On behalf of the Chairman, Board of Studies - Mechanical Engineering, I invite you to participate in the Board of Studies Meeting of Mechanical Engineering, scheduled as given below.

Date : 05<sup>th</sup> MARCH 2022 (SATURDAY)

Time : 10.30.A.M.

Venue : IT Block - 213 (Digital Class room Mechanical Engineering)

Kindly make it convenient to attend the meeting and offer your valuable suggestions.

Thanking you,

Yours faithfully,

✓  
15/2/22



15/2/2022  
CHAIRMAN  
BOARD OF STUDIES  
MECHANICAL ENGINEERING

Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA



# COIMBATORE INSTITUTE OF TECHNOLOGY

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Established in 1958. A unit of V Rangasamy Naidu Educational Trust

CIVIL AERODROME POST, COIMBATORE - 641 014, TAMILNADU, INDIA

CORRESPONDENT

Thiru S. RAJIV RANGASAMI M.Sc., MBA (USA)

PRINCIPAL IN-CHARGE

Dr. A. RAJESWARI M.E., Ph.D.,

CIT/MECH/BoS/18/2021-22

15.02.2022

To

Mr. N Sampathkumar  
Deputy General Manager  
Training & Development Department  
Roots Industries India Limited  
Coimbatore - 641006.

Dear Sir,

Sub: Invitation for 39<sup>th</sup> Board of Studies Meeting - Mechanical Engineering - Reg

On behalf of the Chairman, Board of Studies - Mechanical Engineering, I invite you to participate in the Board of Studies Meeting of Mechanical Engineering, scheduled as given below.

Date : 05<sup>th</sup> MARCH 2022 (SATURDAY)

Time : 10.30.A.M.

Venue : IT Block - 213 (Digital Class room Mechanical Engineering)

Kindly make it convenient to attend the meeting and offer your valuable suggestions.

Thanking you.

Yours faithfully,



*[Signature]*  
CHAIRMAN 15/02/2022  
BOARD OF STUDIES  
MECHANICAL ENGINEERING

Dr. K. MARIMUTHU, Ph.D.,  
PROFESSOR AND HEAD OF MECHANICAL ENGINEERING  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014, INDIA

Tel : 0422 - 2574071 2574072.

Fax 0422 - 2573187 www.cit.edu.in

*[Handwritten]*  
15/2/22



27 JUN 2019

தமிழ்நாடு தமிழ்நாடு TAMIL NADU N. சேஷமலையா

Coimbatore Institute of Technology  
Technomy  
Coimbatore - 14

ந. சேஷமலையா  
மாண்புமிகு நிதி மன்றம்  
கோயமுத்தூர், தமிழ்நாடு  
எண் : 14/82/B1/84



### Memorandum of Understanding

The Memorandum of Understanding is signed between

**COIMBATORE INSTITUTE OF TECHNOLOGY, Coimbatore-641014, Tamil Nadu, India** on behalf of itself party of the First part;

AND

**EASY DESIGN SYSTEMS PRIVATE LIMITED, Coimbatore** having its office at, Senthel Towers, 2<sup>nd</sup> Floor, (North Wing), 1078, Avinashi Road, Coimbatore-641018, Tamil Nadu, India on behalf of itself and acting through **Mr. Srinivasan Padmanabhan, CEO** Party of the Second part; Now both the parties have agreed and consented to the following terms and deeds in pursuance of a common intent to promote and develop interactions in the following areas.

For and on behalf of

  
**Dr. V. BELLADURAI, M.E., Ph.D.**  
Coimbatore Institute of Technology  
Principal  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

For and on behalf of

  
**Easy Design Systems Private Limited**  
Coimbatore



The Memorandum of Understanding (MoU) provides for collaboration between **Coimbatore Institute of Technology and Easy Design Systems Private Limited** in various ways.

### RESPONSIBILITIES OF EASY DESIGN SYSTEMS PRIVATE LIMITED

1. **External Projects Execution**– Projects can be taken in co-operation with Easy Design Systems Private Limited and Coimbatore Institute of Technology. Easy Design Systems Private Limited employee will guide the project and accountable till the successful completion of the project. Project can be occurring either in college campus or Easy Design Systems Private Limited.
2. **Research Guidance:** Easy Design Systems Private Limited will guide and give support to the Faculty and Students with our core IT domain based on the requirement.
3. **Faculty Development Programme (FDP):** Easy Design Systems Private Limited can conduct FDP seminar/ Workshop to the CSE and IT Faculty / Students with the recent trends in IT domain at an affordable cost.
4. **Conference & Workshop:** Coimbatore Institute of Technology can organize Conference and Workshop in collaboration with Easy Design Systems Private Limited.
5. **Special Lectures:** Easy Design Systems Private Limited would extend special lecture to both Faculties and Students at Coimbatore Institute of Technology to update their level of skills.
6. **R&D:** Easy Design Systems Private Limited would provide the assistance on research and development activities carried by the Students and Faculty
7. **Training & Placement:** Easy Design Systems Private Limited would deploy trainer to train the Students based on the requirement from the institution, the training will be taken by "real time experts" who is engaged with real time project at an affordable course fee. On successful completion of the training students evaluation will happen based on the man power requirement of the company, the affordable and the suitable candidates will be absorbed as a trainees.

For and on behalf of

  
Coimbatore Institute of Technology  
Coimbatore  
Dr. V. SELLADURAL, M.E., Ph.D.,  
FIE, FIE, FPE, FORSI  
PRINCIPAL  
COIMBATORE INSTITUTE OF TECHNOLOGY  
COIMBATORE - 641 014 INDIA

For and on behalf of

  
Easy Design Systems Private Limited  
Coimbatore



## RESPONSIBILITIES OF COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE

1. **Coimbatore Institute of Technology** will provide necessary space and other infrastructures like Computers, Printers, UPS, furniture & fixtures, supporting facilities, video and audio, etc., at **Coimbatore Institute of Technology** will have exclusive right to operate the Easy Design Systems Private Limited inside the college campus subject to the terms of this agreement.
2. **Coimbatore Institute of Technology** will ensure that each participating student has access to relevant hardware and software.
3. **Coimbatore Institute of Technology** will provide its expertise for **research and development** work required by assigning faculty members from the Departments of Computer Science and Engineering and Department of Information Technology who will be responsible in interaction and correspondence with you towards successful achievement of the task arises as and when required.
4. **Coimbatore Institute of Technology** will provide their proficiency in finding solutions for various problems faced by industry during development and implementation.
5. **Coimbatore Institute of Technology** will permit to utilize their **library** facilities.
6. **Coimbatore Institute of Technology** agrees to take up **consultancy** from you and complete the task within the stipulated time.
7. **Coimbatore Institute of Technology** in discussion with Easy Design Systems Private Limited will undertake any special or specific promotional campaigns and the costs will be shared as agreed to by parties in advance.
8. **Coimbatore Institute of Technology** undertakes not to forward or disclose any information concerning the specifics of this agreement to any third party without the prior written consent of Easy Design Systems Private Limited.
9. **Coimbatore Institute of Technology** will not permit any practice that may be detrimental to the trademarks or goodwill or reputation of Easy Design Systems Private Limited or its services.
10. **Coimbatore Institute of Technology** use of any of the trademarks will be strictly in accordance with **Easy Design Systems Private Limited** instructions.

For and on behalf of



**Coimbatore Institute of Technology**  
Coimbatore **Dr. V. BELLADURAI, M.E., Ph.D.,**  
**FIE, FIE, FIPE, FORSI**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE - 641 014 INDIA**

For and on behalf of



**Easy Design Systems Private Limited**  
Coimbatore



## FORCE MAJEURE

No party shall be liable to the other if and to the extent, that the performance of any of its obligators under this agreement is prevented, restricted or interfered due to the circumstances beyond the reasonable control of such party including but not limited to Government Legislation, fire, flood, explosion, epidemics, accidents, Act of God, wars, riots, strikes, lockouts or other connected acts of workmen and act of Government.

## TERMS OF AGREEMENT AND TERMINATION OF AGREEMENT

1. This agreement is effective from the date of signing by **Easy Design Systems Private Limited** and shall be valid for a period of **Five Years (60 months)** from the date of the agreement. The parties may renew this agreement for further periods on mutually agreed terms.
2. Either party may terminate this agreement by giving not less than 3 months notice to the other party.
3. Notwithstanding the stipulation in above clause, each party is entitled to terminate this agreement immediately on any other party committing the breach, which is not insignificant and such party does not remedy such breach within 30 days from written notice by the other party requiring the default party to remedy the same.
4. In the event of termination of the agreement, for whatever reasons, both the parties agree to fulfill their respective commitments to the already registered batch of students as if the agreement is still in force.
5. On termination of this agreement, neither party will be entitled to claim any compensation or damages for or in respect of or by reason of such termination, except where such claim is based on the default of the other party.
6. Neither party will in any event be liable to the other party under this agreement for loss of profit, loss of business, loss of revenue or for any indirect, incidental or consequential damages whether or not the possibility of such damages could have been reasonably foreseen.

  
Dr. V. SELLADURAI, M.E., Ph.D.,  
FIE, FIE, FIPE, FORSI  
PRINCIPAL  
COMBATORE INSTITUTE OF TECHNOLOGY  
COMBATORE - 641 014 INDIA

S. K. M.  


**ARBITRATION**

1. All disputes or differences whatsoever arising between the parties out of or relating to the construction, meaning and operation or effect of this contract or the breach thereof shall be settled by arbitration with the Rules of Arbitration of the Indian Council of Arbitration at Coimbatore only and the award made in pursuance thereof shall be binding on the parties.

For and on behalf of

**Coimbatore Institute of Technology**  
**Coimbatore**

For and on behalf of

**Easy Design Systems Private Limited**  
**Coimbatore**

EASY DESIGN SYSTEMS PRIVATE LIMITED ACKNOWLEDGES THAT THE EASY DESIGN SYSTEMS PRIVATE LIMITED HAS READ THIS AGREEMENT, UNDERSTANDS IT AND AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS. FURTHER, EASY DESIGN SYSTEMS PRIVATE LIMITED AGREES THAT THIS, TOGETHER WITH ANY SUPPLEMENT OR SCHEDULE OF CHARGES, IS THE COMPLETE AND EXCLUSIVE STATEMENT OF THE AGREEMENT BETWEEN THE PARTIES, WHICH SUPERSEDES ALL PROPOSALS OR PRIOR AGREEMENTS, ORAL OR WRITTEN, AND ALL OTHER COMMUNICATIONS BETWEEN THE PARTIES RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT.

Signed at **COIMBATORE INSTITUTE OF TECHNOLOGY, COIMBATORE** on this the day of \_\_\_\_\_ 2019

For and on behalf of

**Coimbatore Institute of Technology**  
**Dr. V. SELLADURAI, M.E., Ph.D.**  
**FIE, FIE, FIPE, FORSI**  
**PRINCIPAL**  
**COIMBATORE INSTITUTE OF TECHNOLOGY**  
**COIMBATORE - 641 014 INDIA**

For and on behalf of

**Easy Design Systems Private Limited**  
**Coimbatore**



Witnesses

1)   
**G. KOWALYA**  
  
**N. L. KANTIRAJ**

2)   
**(Dr. M. THIRUMARIMURUGAN)**

## ABOUT THE COURSE

Internet of Things is a new revolution of the Internet. A world where the real, digital and the virtual are converging to create smart environments that make energy, transport, cities and many other areas more intelligent. Traditional fields of embedded systems, wireless sensor networks, control systems, automation and others all contribute to enabling the Internet of Things. This program aims at providing an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society. This workshop serves as a platform for research scholars, faculty, engineers and students to interact on cutting-edge technologies in IoT.

## RESOURCE PERSONS

### Mr. Bharathi Athinarayanan

Principal member of Technical Staff  
AT&T Communication Services India Pvt Ltd Bengaluru,  
India

### Mr. Karthik Eswar

Technical Lead  
Twirl Tack Technology Solutions Private Ltd Coimbatore,  
India

### Mr. Kishore Kumar

Technical Trainer  
Twirl Tack Technology Solutions Private Ltd, Coimbatore,  
India

### Mr. Karthik & Mr. Shyam

Technical Trainer  
Easy Design Systems  
Coimbatore

### Dr. B. Arunkumar

Professor  
Coimbatore Institute of Technology,  
Coimbatore

### Course Registration link:

<https://forms.gle/Q3YU2GdKjxdDoZ4s6>

## COURSE OBJECTIVE

The objective of this workshop is to establish a common platform for the academic researchers and practicing engineers enabling them to provide collaborative solutions for engineering problems through Internet of Things (IoT) & Artificial Intelligence.

## COURSE CONTENT

- **Embedded Analytics**
- **Introduction to IoT - Industrial Perspectives**
- **Natural Language Processing (NLP) with VUI (practical approach using Alexa)**
- **Hands-on IoT Real Time Applications**

## REGISTRATION GUIDELINES

Those willing to participate must send the filled in registration, declaration and sponsorship documents by e-mail to the organizers before 02.12.2019. There is no registration fee. Refreshments and Lunch will be provided. Lodging will be provided in campus for outstation participants. All communications will be via e-mail.

## ELIGIBILITY

Industry experts working in the field of IoT and Artificial Intelligence & faculty members from the streams of ECE, CSE and IT of AICTE approved Engineering colleges are eligible to participate in this program. The seats are limited, which would be filled on first come first served basis. Selected candidates will be intimated through e-mail.

## PREREQUISITES FOR PARTICIPANTS

- **A laptop with internet connectivity**
- **Amazon Developer account**  
([developer.amazon.com](https://developer.amazon.com))
- **AWS account** ([aws.amazon.com](https://aws.amazon.com))

## IMPORTANT DATES

Last Date for receiving applications :

02.12.2019 Intimation of selection :

03.12.2019 REGISTRATION FEES/

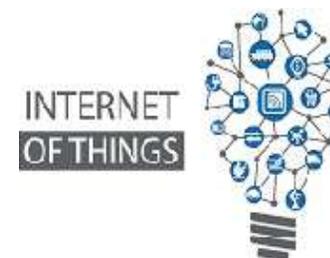
## ACCOMMODATION

- No Registration fees
- Accommodation will be provided.

# NPIU

## TEQIP-III Sponsored Industry Connect Workshop

## on INTERNET OF THINGS (IoT) & ARTIFICIAL INTELLIGENCE



5<sup>th</sup> & 6<sup>th</sup> December 2019



Organized by

Department of Electronics and Communication  
Engineering

Department of Computer Science Engineering  
Coimbatore Institute of Technology

Coimbatore -14.

(Government Aided Autonomous Institution)

## **REGISTRATION FORM**

**TEQIP-III Sponsored Industry Connect**

**Workshop**

**on**

**Internet of Things (IoT) & Artificial Intelligence  
5<sup>th</sup> & 6<sup>th</sup> December 2019**

NAME :

QUALIFICATION :

DESIGNATION :

ORGANISATION :

SEX: MALE:  FEMALE:

MAILING ADDRESS:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

EMAIL: \_\_\_\_\_

PHONE(S): \_\_\_\_\_

ACCOMMODATION REQUIRED: Y/N

### **DECLARATION BY THE APPLICANT**

The above-mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the workshop.

Place:

Date:

Signature of Applicant

## **SPONSORSHIP CERTIFICATE**

Dr./Mr./Ms. \_\_\_\_\_  
an employee of our organization is hereby permitted to attend the course on "**Internet of Things (IoT) & Artificial Intelligence**" to be held in CIT, Coimbatore during 5<sup>th</sup> & 6<sup>th</sup> December 2019.

Place:

Date:

Signature and Seal of Sponsoring Authority

### **CHIEF PATRON**

**Dr.S.R.K.Prasad,**

Correspondent, CIT Institution

### **PATRONS**

**Mr.S.Rajiv Rangasami,**

Director, CIT Institution

**Dr.R.Prabhakar,**

Secretary, CIT Institution

### **PRESIDENT**

Dr.V.Selladurai, Principal, CIT Institution

### **CONVENOR**

**Dr.A.Rajeswari,** HoD, ECE, CIT

**Ms.D.Mohana,** HoD, CSE, CIT

### **CO-ORDINATORS:**

**Electronics and Communication Engineering**

**Mr. P.Muthu Subramanian**

Assistant Professor

Dept of ECE, CIT

**Computer Science Engineering**

**Dr.M.Mohanapriya**

Associate Professor

Dept of CSE, CIT

**Mr. G. Karthikeyan**

Assistant Professor

Dept of CSE, CIT

**For Registration details please contact:**

Mr.P.MuthuSubramanian-9003500822

Mr. G. Karthikeyan-9786177719

E-mail :citiotapplications@gmail.com

## **ABOUT THE INSTITUTE**

The V. Rangasamy Naidu Educational Trust devoted to the cause of promoting Technical and Scientific Literacy, established COIMBATORE INSTITUTE OF TECHNOLOGY, popularly known as CIT in 1956 with Shri P. R. Ramakrishnan, an alumnus of MIT USA, as the founder Principal. The Institute has grown from strength to strength and attained autonomous status in 1987. The Institute, affiliated to the Anna University, offers Bachelor's, Master's and Doctoral programs in various disciplines. The institute has signed MOUs with various foreign universities and MNCs around the world for faculty exchange programs, student sponsorship and research collaborations.

## **ABOUT THE DEPARTMENT**

### **Electronics and Communication Engineering**

The department of Electronics & Communication Engineering was established in the year 1968. It has been very well equipped with highly commendable facilities and is effectively guided by a set of devoted and diligent staff members. The department offers Under Graduate programme in ECE and Post Graduate programme in Communication Engineering. The Department has also successfully completed many projects with grants received from various funding agencies.

### **Computer Science Engineering**

The Department of Computer Science Engineering is committed to academic excellence & aims to provide the students a sound foundation on theory and practice in Computer Science Engineering and expose them to the forefront of the developments in the field of computing. The Department is equipped with state of the art facilities to explore the technological challenges in various fields like Cloud Computing, Internet of Things, Software Defined Networks, Artificial Intelligence and Machine Learning.

**TEQIP III Sponsored Internet Connect Workshop on Internet of Things  
5th & 6th December 2019  
External Participant List**

<b>Email Address</b>	<b>Name</b>	<b>Gender</b>	<b>Mobile No.</b>	<b>Designation</b>	<b>Department / Section / Unit</b>
jagadeeswarirajesh1710@gmail.com	Jagadeeswari	Female	9514672196	Assistant Professor	Computer Science and Engineering
aswinichandran@gct.ac.in	C. ASWINI	Female	9003546041	Assistant professor	IT
swetha4694@gmail.com	Swetha N G	Female	8903580808	Assistant Professor	Computer Science and Engineering
prakashgreen@gmail.com	PRAKASH K	Male	9994116147	ASSISTANT PROFESSOR	CSE
anbuselvarajan@gmail.com	Anbu S	Male	7708751418	Assistant Professor	Electronics and Instrumentation Engineering
mercynisha@gct.ac.in	J.Mercy Nisha Pauline	Female	9095325759	Assistant professor	Industrial Biotechnology
mnnafisabegam@gmail.com	M.N.Nafisa begam	Female	9443548646	Assistant professor	Industrial biotechnology
kkumar@gct.ac.in	Dr.K.Kumar	Male	9842772083	Asst.Professor (Selection Grade)	Computer Science and Engineering
kmanikandan028@gmail.com	Manikandan k	Male	7708455046	Assistant professor	ECE
ljsee@tce.edu	L.Jessi Sahaya Shanthi	Female	9367466194	Assistant Professor	EEE
rani23508@gmail.com	Dr.C.RANI	Female	9791638379	Assistant Professor	Computer Science and Engineering
ruba3112@gmail.com	S.RUBA	Female	9629930204	Assistant Professor	Computer Science and Engineering
patel.deepak05@gmail.com	Deepak Patel	Male	9407375705	Assistant Professor	Electrical Engineering
helenaraj@yahoo.com	Dr. D. HELENA MARGARET	Female	9894220882	Assistant Professor	Electronics and Communication Engineering
jananigms@gmail.com	M Janani	Female	9940788586	Assistant Professor	ECE
msa.ice@psgtech.ac.in	Saranya M	Female	9790625619	Assistant Professor	Instrumentation and control systems engineering
evm.ice@psgtech.ac.in	E.Vimal	Male	9.19894E+11	Assistant professor	Instrumentation and control systems engineering

s & Artificial Intelligence

Name and Address of the Organization / Industry	Select your preferred course..	Hostel?
Thanthai Periyar Government Institute of Technology, Vellore	IoT & Artificial Intelligence	Yes
DEPARTMENT OF IT, government college of technology, Coimbatore	IoT & Artificial Intelligence	No
PSG College of Technology, Coimbatore	IoT & Artificial Intelligence	No
GOVERNMENT COLLEGE OF ENGINEERING SENGIPATTI THANJAVUR	IoT & Artificial Intelligence	Yes
Govt. College of Technology, Coimbatore-13	IoT & Artificial Intelligence	No
Government college of Technology	IoT & Artificial Intelligence	No
Government college of technology	IoT & Artificial Intelligence	No
Government College of Technology, Coimbatore	IoT & Artificial Intelligence	No
GCE Thanjavur	IoT & Artificial Intelligence	Yes
Thiagarajar College of Engineering	IoT & Artificial Intelligence	Yes
Government College of Engineering, Salem-11	IoT & Artificial Intelligence	Yes
Government College of Engineering, Salem-11	IoT & Artificial Intelligence	No
M.B.M. Engineering College Jodhpur	IoT & Artificial Intelligence	Yes
Alagappa Chettiar Government College of Engineering and Technology, Karaikudi	IoT & Artificial Intelligence	Yes
Thanthai Periyar Government Institute of Technology	IoT & Artificial Intelligence	Yes
Psg college of technology, peelamedu, coimbatore	IoT & Artificial Intelligence	No
Psg college of technology, coimbatore	IoT & Artificial Intelligence	No

**TEQIP III Sponsored Internet Connect Workshop on Internet of  
5th & 6th December 2019  
Internal Participant List**

<b>Email Address</b>	<b>Name</b>	<b>Gender</b>	<b>Mobile No.</b>	<b>Designation</b>	<b>Department / Section / Unit</b>
kalaivani.r@cit.edu.in	KALAIVANI.R	Female	9445759069	ASSISTANT PROFESSOR	ECE
lakshmi.nithyaa@gmail.com	Nithyalakshmi	Female	8056348465	Assistant professor	ECE
dhanalakshmi.s@cit.edu.in	S.Dhanalakshmi	Female	9952542029	Assistant professor	Department of ECE
loganayakithangaraj@gmail.com	LOGANAYAKI.T	Female	9585377719	Assistant professor	ECE
muthuspv@gmail.com	Muthu Subramanian P	Male	9003500822	Assistant Professor	ECE
arunkumar.b@cit.edu.in	Arun Kumar	Male	8148284567	Assistant Professor	CSE
com	Hariharan S	Male	9894076186	Assistant Professor	CSE
murale@cit.edu.in	Murale C	Male	9789134382	Assistant Professor	Information Technology
nithya.s@cit.edu.in	Nithya Subramanian	Female	7667888974	Assistant Professor	Computer Science Engineering

**Things & Artificial Intelligence**

<b>Name and Address of the Organization / Industry</b>	<b>Select your preferred course..</b>	<b>Hostel?</b>
COIMBATORE INSTITUTE OF TECHNOLOGY	IoT & Artificial Intelligence	No
Coimbatore institute of technology	IoT & Artificial Intelligence	No
Coimbatore institute of technology, Civil aerodrome post, Coimbatore-641014	IoT & Artificial Intelligence	No
Coimbatore institute of technology	IoT & Artificial Intelligence	No
Coimbatore	IoT & Artificial Intelligence	No
Coimbatore Institute of Technology	IoT & Artificial Intelligence	No
aerodrome post	IoT & Artificial Intelligence	No
Coimbatore Institute of Technology	IoT & Artificial Intelligence	No
Coimbatore Institute of Technology	IoT & Artificial Intelligence	No

**TEQIP III Sponsored Internet Connect Works  
5th & 6th I  
Industry F**

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**shop on Internet of Things & Artificial Intelligence**

**December 2019**

**Participant List**

<b>Department / Section / Unit</b>	<b>Name and Address of the Organization / Industry</b>	<b>Select your preferred course..</b>	<b>Hostel?</b>
Technical	JRM TECHNOLOGIES	IoT & Artificial Intelligence	No
SDN-networks ,R&D development	NOKIA NETWORKS	IoT & Artificial Intelligence	Yes
SDN/Networking/R&D	Nokia Network,	IoT & Artificial Intelligence	Yes
Embedded system	SAI Incubation Centre	IoT & Artificial Intelligence	No
IT	CTS	IoT & Artificial Intelligence	No
E&E	Elgi ultra limited...	IoT & Artificial Intelligence	No
Software development	Impiger Technologies	IoT & Artificial Intelligence	No
MCA	Impiger Technologies	IoT & Artificial Intelligence	No
Computer Applications	impiger Technologies	IoT & Artificial Intelligence	No
Toolcirb	Lakshmi Machine Works Limited	IoT & Artificial Intelligence	No



**TEQIP-III**  
**SPONSORED INDUSTRY CONNECT WORKSHOP**  
**ON**  
**INTERNET OF THINGS (IOT) & ARTIFICIAL INTELLIGENCE**

The workshop was conducted over duration of two days, on 5<sup>th</sup> & 6<sup>th</sup> December 2019, focusing on artificial intelligence and Internet of Things. On the first day, the first session at 9.00Am was a lecture by Dr. B Arun Kumar H.O.D MCA CIT, on Embedded Analytics and its applications in artificial intelligence. After the inaugural function, the second session was handled by Dr. M Mohanapriya Professor CSE CIT on the recent trends in Internet of Things. In the afternoon, a hands on session on “ALEX SKILLS” was handled by **Mr. Bharathi Athinarayanan** AT&T Communication Services India Pvt Ltd Bengaluru, India.

The second day commenced with a lecture from Mr. Shyam Prasad of Founder and Marketing Executive of Twirl Tact technology solutions Pvt, Ltd on the practical applications of IoT and its expected impact on the real world. Mr. Karthik E handled the rest of the session giving a lecture and a hands on experience of various IoT apparatuses present in the “Centre for AI and IoT” laboratory.

The participants were exposed in general to the present trends in Artificial Intelligence, Web services, theoretical & practical IoT.



*Principal Dr. V. Selladurai along with workshop participants.*