



Government College of Technology, Coimbatore – 641013
(An Autonomous Institution affiliated to Anna University, Chennai)
SELF- STUDY REPORT

CRITERION 3
Research, Innovations and Extension

Key Indicator 3.7: Collaboration

3.7.1 Number of functional MoUs /linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years

DECLARATION

This is to certify that the supporting documents uploaded in Institution website and the respective links are true to the best of my knowledge and belief. All documents and links are verified and authenticated.

Head of the Institution

(Seal and sign of the Principal)

Government College of Technology, Coimbatore-13

List of MoUs and Outcomes in the Year 2021

S.No	Name of the collaborating agency	Year of signing	Duration	Activities	Page no.
1	M/S Power Projects	2021	Lifelong	Student Internship - 1	3
2	Pantech Prolabs India Pvt. 01.03.2021	2021	3 Years	Student Internship on Electric Vehicle Design - 3 Students	8
3	Coding Ninjas	2021	1 Year	Introduction to python	17
4	M/s. DCAD Engineers and Consultants, Coimbatore	2021	3 Years	Industrial expert member as jury in Smart India Hackathon Program Advisory committee member	24
5	MSME	2021	Lifelong	Student Internship: Java Training Student Internship: Embedded Systems Training Skill Development Programs: SolidWorks	38
6	Centre for Stem Cell and Cancer Genomics, AMI Bioscience	2021	Lifelong	Faculty training	46
7	Maven Silocon Softech Private Ltd	2021	3 Years	Hands on VLSI	49
8	MaxCADD	2021	Lifelong	Industrial lecture on Additive Manufacturing	58
9	Trident Pneumatics Pvt.Ltd	2021	5 Years		61
10	Green Microelectronics India(p) Ltd.	2021	2 Years		63



9-11-2021 THE PRINCIPAL

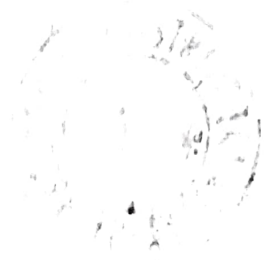
Rs.20

93AB 452465

9-11-2021

THE PRINCIPAL
GCT
COIMBATOR

Z. Mary Evangelin Rupa
I. MARY EVANGELIN RUPA
 STAMP VENDOR
 126-A, Ramalinga Colony,
 M.T.P. Road, Coimbatore - 43
 L No : 7333/B1/97F3



MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on this **11th** November. Two thousand and Twenty One (**11/11/2021**), by and between **M/S POWER PROJECTS**, a Power System and Renewable Energy Consultant having its registered office located at Plot C, Gokulam Flats, 65/2A, Sakthi Nagar New St, Sakthi Nagar, Porur, Chennai, Tamil Nadu 600116 represented herein by its Proprietor, Mr.S.Nagaraj (hereinafter referred to as "ASSOCIATE")

For POWER PROJECTS

P. Thiruvengadam

S. Nagaraj
Proprietor

Principa
Government College of Technology
 Coimbatore -641 013.

M/S POWERPROJECTS

Page 1 of 4

α basic amenities such as electricity, water, telephone etc., suitable and ready for delivering the training courses and other activities in conjunction with the ASSOCIATE in the scope

For POWER PROJECTS

P. Thiruvengadam

S. Nagaraj
Proprietor

Principa
Government College of Technology
 Coimbatore -641 013.

M/S POWERPROJECTS

Page 2 of 4

AND

Government College Technology, Thadagam Road, Coimbatore – 641013, Tamil Nadu, India (hereinafter referred to as "INSTITUTION")

WHEREAS:

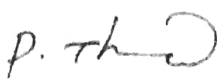
- A) **ASSOCIATE** is the prime partner of INITIATIVE program as well as Recruitment and Training partner.
- B) **ASSOCIATE** is engaged in education, skill development, industries and institutions expected training and online skill development training. The primary objective of MoU is to prepare students of following programmes for industry related skills and enable them to be readily employable in the CORE INDUSTRY as well as to become an ENTREPRENEUR.
**Under Graduate Programme – B.E. (Electrical and Electronics Engineering)&
Post Graduate Programmes – M.E. (Power System Engineering)
M.E. (Power Electronics and Drives)**
- C) The plan is to train the students as per industry requirements and then open the candidature for the internship to the industries. The industries can engage the students on their projects who can be productive from day one.
- D) **INSTITUTION&ASSOCIATE** believe that collaboration and co-operation between themselves to promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- E) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interests.

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

**CLAUSE 1
CO-OPERATION**

- 1.1 **ASSOCIATE** and **INSTITUTION** are united by common interests, objectives, and they shall establish channels of communication, co-operation that will promote and advance their respective operations. 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 **ASSOCIATE** and **INSTITUTION** co-operation will relate effective utilization of the intellectual capabilities of the faculty of **ASSOCIATE** providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry.
- 1.3 **ASSOCIATE** plans to commence Initiative programmes at both party premises relying on the infrastructure facilities that the Initiative program needs.
- 1.4 The **INSTITUTION** shall provide the available infrastructure, workable space room & basic amenities such as electricity, water, telephone etc., suitable and ready for delivering the training courses and other activities in conjunction with the **ASSOCIATE** in the scope

For POWER PROJECTS


GOVERNMENT **Principal** OF TECHNOLOGY
Government College of Technology
Coimbatore - 641 013.


Proprietor
M/S POWERPROJECTS

- 1.5 **INSTITUTION** may compulsorily impart 2nd and 3rd year students of UG programme & 1st year and 2nd year of PG programmes for internship training programme. The other initiative programs will be imparted time to time upon both parties discussion.

CLAUSE 2 SCOPE OF THE MOU

2.1 The budding graduates / engineers from the institutions could play a key role in technological up gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.

2.2 **ASSOCIATE** is going to conduct the following initiatives with the support of **INSTITUTION**

- Support to Board of Studies
- Faculty Development Programmes
- Internship programmes
- Workshop and Hands-on Training on core subject
- Entrepreneurial and Skill Development Workshop
- Knowledge partner with industries
- Collaborative Research with Industry and Institution

CLAUSE 3 INTELLECTUAL PROPERTY


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

CLAUSE 4 VALIDITY

4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **INSTITUTION** or **ASSOCIATE**, as the case may be, will take effective steps for implementation of this MoU. Any act on the part of **INSTITUTION** or **ASSOCIATE**, after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MoU.

4.2 **ASSOCIATE** and **INSTITUTION** may terminate this MoU upon 180 calendar days' notice in writing. In the event of Termination both parties will have to discharge their obligations.

For POWER PROJECTS


Principal
GOVERNMENT COLLEGE OF TECHNOLOGY
Government College of Technology
Coimbatore - 641 013.


Proprietor
M/S POWERPROJECTS

**CLAUSE 5
RELATIONSHIP BETWEEN THE ASSOCIATE and INSTITUTION**

5.1 It is expressly agreed that ASSOCIATE and INSTITUTION are acting under this MoU as partners. 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.

AGREED:



For M/s POWERPROJECTS & GOVERNMENT COLLEGE OF TECHNOLOGY

[Signature]
Authorized Signatory

[Signature] **Principal**
Authorized Signatory **Government College of Technology**

M/SPOWERPROJECTS	Dr.P.THAMARAI,
Plot C, Gokulam Flats, 65/2A, Sakthi Nagar New St, Sakthi Nagar	THE PRINCIPAL,
Porur - 600116	GOVERNMENT COLLEGE OF
Chennai	TECHNOLOGY,
Tamilnadu, India	Thadagam Road
	Coimbatore
	Tamilnadu, India - 641013
Website: www.powerprojectsindia.com	Website: www.gct.ac.in
Email: info@powerprojectsindia.com	Email: principal@gct.ac.in

[Signature]
Dr.V.Gopalakrishnan
Professor & Head /Dept. of Electrical and Electronics Engg.,
Government College of Technology
Coimbatore - 641013

[Signature]
Staff in-charge
DrR.Rajeswari
Professor(CAS)/Dept. of Electrical and Electronics Engg.,
Government College of Technology
Coimbatore - 641013

Witness1 :
Name : V. PRASAD MOORTHY
Signature : [Signature]

Witness2 : **SUJATHA BALARAMAN**
Name : **ASSO. PROF. /EEE(CAS)**
Signature : [Signature]

[Signature]
Principal
GOVERNMENT COLLEGE OF TECHNOLOGY
Government College of Technology
Coimbatore - 641 013.

For POWER PROJECTS
[Signature] **Proprietor**
M/S POWERPROJECTS

Ref: PP/HR/IC/10/2023/01

31st, Oct 2023

Certificate of Internship



This is to certify that Mr.D.S.Sumesh from Government College Of Technology, Coimbatore has successfully completed his Internship at M/s. Power Projects from 08/07/2023 to 05/08/2023. During this period, he had demonstrated his skills in the areas of Load Flow Analysis & Short Circuit Analysis using ETAP. His performance was **excellent** and we wish him all the best for his future endeavors.


(NIVEDHAN V S)
Training Manager



4/499/5, Vinoba Nagar, Velliyampalayam,
Koduvai, Tirupur, Tamilnadu, India -
638660.

www.powerprojectsindia.com

 (+91) 99621 88337

 info@powerprojectsindia.com

MEMORANDUM OF UNDERSTANDING

between

PANTECH PROLABS INDIA PVT LTD

#8, Natarajan Street, Cemmancherry, OMR, Chennai -119.

AND

GOVERNMENT COLLEGE OF TECHNOLOGY (GCT)
(Autonomous Institution Affiliated to Anna University)

Thadagam Road, Coimbatore – 641 013

in connection with

Collaborative programmes in R&D and Training

MARCH, 2021



தமிழ்நாடு தமில்நாடு TAMIL NADU

1 FEB 2021

Pantech Pro Labs India Pvt Ltd

85AB 041459

G. V.
G. VEERABATHRAN
Stamp Vendor

License No. 24/CH(S)2010 Dt. 30-3-2011
Old No. 23, New No. 31, Sarangapani Street,
Sholinganallur, Chennai-600 119.
Cell: 98413 60176

M.1 MEMORANDUM OF UNDERSTANDING

M. 1.1 This Agreement made and entered into force this 1st day of MARCH, Two Thousand Twenty One PANTECH PROLABS INDIA PVT LTD , #8, Natarajan Street, Cemmancherry, OMR, Chennai -119. (hereinafter referred to as PANTECH PROLABS which expression shall where the context so admits include its successors and permitted assigns) of the one part

AND

M. 1.2 Government College of Technology (GCT), a Academic Institution offering quality education in different areas, having its contact address at Thadagam Road, Coimbatore – 641 013 (hereinafter referred as the GCT which expression shall where the context so admits includes its successors and permitted assigns) of the other part.

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M.2 PREAMBLE

- M.2.1** M/s Pantech Prolabs India Pvt Ltd is best known for manufacturing and marketing which is an Independent and World Wide Active company founded in 2004 basically in the field of Engineering Lab Equipments and Electronic Hobby Kits for Electronics, Electrical, Instrumentation, Communication and Bio Medical engineers.
- M.2.2** Whereas the GCT, is 75 years old Institution engaged in offering different 9 Under Graduate (UG) programs in Engineering and 11 Post Graduate (PG) for the benefit of different target groups of students.
- M.2.3** Whereas GCT, after having identified the strengths of PANTECH PROLABS well as human resource development, has approached PANTECH PROLABS INDIA PVT LTD seeking expertise in respect of summer training, short term project work, guest lectures, organizing seminar/symposia, and submission of R&D proposal to funding agencies.
- M.2.4** Whereas PANTECH PROLABS is convinced about the mutual benefit and has agreed to extend necessary technical cooperation to GCT.
- M.2.5** As a prelude to such collaborative training and research activities between PANTECH PROLABS and GCT, it has been agreed by both parties to sign an Umbrella MoU, which shall pave the way for undertaking specific activities later depending on specific requirements.

Now therefore in consideration of the premises and mutual covenants hereinafter contained, the parties hereto agree as follows:

M.3 SCOPE OF THE MoU

- M.3.1** The scope of this MoU is limited to retaining GCT as one of the esteemed collaborators of PANTECH PROLABS INDIA PVT LTD for Training as well as Research, as per scope of work to be undertaken from time to time depending on specific request from GCT and this is envisaged to lead to further research/training collaborations between PANTECH PROLABS INDIA PVT LTD and GCT. Terms and conditions shall be mutually decided on case to case basis.

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M.4 FINANCIAL ARRANGEMENT

- M.4.1** In consideration of PANTECH PROLABS INDIA PVT LTD agreeing the GCT to depute its students to undertake short term project at PANTECH PROLABS INDIA PVT LTD shall pay fees at the following rates.
- An amount of Rs. 6000/- per month per candidate for PG candidates
 - An amount of Rs. 3000/- per month per candidate for UG candidates
- M.4.2** GCT shall meet the expenditure as per Technical Education Quality Improvement Programme –Center of Excellence (subcomponent 1.2.1) norms or State Government norms towards travel and hospitality for the personnel deputed by PANTECH PROLABS INDIA PVT LTD either to deliver guest lecture or to serve as Expert, on receipt of specific request from GCT.

M.5 FIELD OF CO-OPERATION

- M.5.1** M/S PANTECH PROLABS INDIA PVT LTD will permit the students of GCT to undergo in plant training and to carry out projects in the area specified by the GCT.
- M.5.2** M/S PANTECH PROLABS INDIA PVT LTD will depute experts for workshops and guest lectures conducted by GCT.
- M.5.3** M/S PANTECH PROLABS INDIA PVT LTD and GCT will collaborate and explore for consultancy opportunities in the area of Solar, Wind Energy, Special Electrical Drives and Embedded Systems.
- M.5.4** Any new innovations and patents obtained out of joint collaboration will be shared by both the parties.
- M.5.5** M /S PANTECH PROLABS INDIA PVT LTD will permit the research scholars of GCT to take up real time problems identified by the PANTECH PROLABS as their area of Research and find out innovative solutions.
- M.5.6** M/S PANTECH PROLABS INDIA PVT LTD will permit the students of GCT shall evolve an acceptable schedule to develop programs that are mutually beneficial.

M.6 EFFECTIVE DATE, DURATION AND TERMINATION OF MOU

- M.6.1** The MoU shall be effective from the date of signing (hereinafter called

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[Signature]

EFFECTIVE DATE) and shall remain in force for the period of three year from the EFFECTIVE DATE.

M.6.2 The MoU shall be reviewed after one year on receipt of request for renewal from GCT and may be renewed based on mutually agreeable terms and conditions.

M.6.3 During the tenure of the MoU parties hereto can terminate the MoU either for violation of any of the clauses of the MoU or other work by giving one month notice in writing to the defaulting party (PANTECH PROLABS INDIA PVT LTD or GCT). Failure of either party to terminate the MoU on account of breach or default by the other shall not constitute a waiver of that party's right to terminate this MoU.

M.7 SETTLEMENTS

M.7.1 In the event of termination of the MoU vide M.6.3 the right and obligations of the parties hereto shall be settled by mutual discussion and the financial settlement shall take into consideration not only the expenditure incurred but also the expenditure committed by GCT.

M.8 CONFIDENTIALITY

M.8.1 During the tenure of the MoU and for a period of 3 years thereafter, both PANTECH PROLABS INDIA PVT LTD and GCT (including their sub-contractors if any) shall treat as strictly confidential and prevent disclosure thereof of all the information and data exchanged/generated under this MoU for any purposes other than that in accordance with this MoU.

M.9 AMENDMENTS TO THE MoU

M.9.1 No amendment or modification of this MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MoU. The modifications/changes shall be effective from the date on which they are made/ executed, unless otherwise agreed to.

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SEAL OF PARTIES

In witness there of the parties hereto have signed this MoU on the day, month and year, as mentioned hereinbefore.

Parties

For and on behalf of PANTECH
PROLABS INDIA PVT LTD

For and on behalf of GCT

Signature 

Signature 

Name : M.MALAIYAPPAN

Name **Dr.P.THAMARAI, Ph.D.**
PRINCIPAL
Govt. College of Technology
Coimbatore - 641 013.

Designation : DIRECTOR

Designation


Seal 

Seal 


Witnesses (Name & Address)

Witnesses (Name & Address)

1. 
(SURES HKUMAR.K)

1.  **Dr. E. Lakshmi Mary**
Professor and Head
Department of Electrical Engineering
Government College of Technology
Coimbatore - 641 013

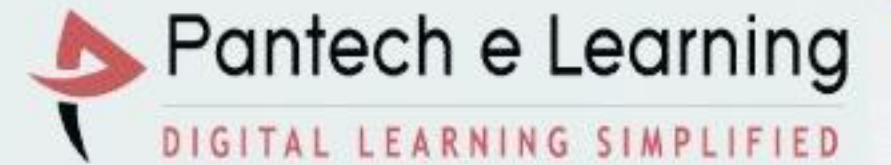
2.

2. 
Dr. K. Ranjith Kumar
PROFESSOR, GCT, COE-12.

Date 01.03.2021

Date 01.03.2021

Certificate No PS-APSSDC-EVDINTERN-329



CERTIFICATE OF INTERNSHIP

NAME Mr.MANJUNATHAN K

COLLEGE GOVERNMENT COLLEGE OF TECHNOLOGY. COIMBATORE

has Successfully Completed
30 Days Internship on Electric Vechicle Design

at Pantech e Learning Pvt Ltd, Chennai

From 03.01.2022 **To** 01.02.2022

M.Malaiappan
Director
Pantech e Learning

Dr. Ravi Gujjala
Chief General Manager (Technical)
APSSDC

Prof. Rama Koti Reddy
Executive Director
APSSDC

N Bangara Raju
Managing Director
APSSDC

Certificate No PS-APSSDC-EVDINTERN-258



CERTIFICATE OF INTERNSHIP

NAME Mr.VENKATESANA

COLLEGE GOVERNMENT COLLEGE OF TECHNOLOGY. COIMBATORE

has Successfully Completed
30 Days Internship on Electric Vechicle Design

at Pantech e Learning Pvt Ltd, Chennai

From 03.01.2022 **To** 01.02.2022

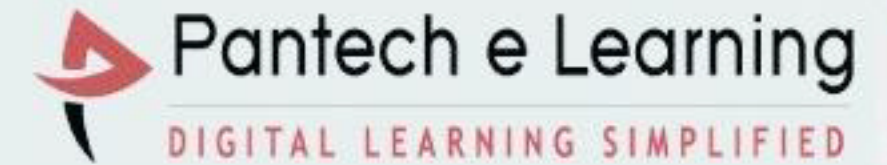
M.Malaiappan
Director
Pantech e Learning

Dr. Ravi Gujjala
Chief General Manager (Technical)
APSSDC

Prof. Rama Koti Reddy
Executive Director
APSSDC

N Bangara Raju
Managing Director
APSSDC

Certificate No PS-APSSDC-EVDINTERN-295



CERTIFICATE OF INTERNSHIP

NAME Mr.ARUN KUMAR R

COLLEGE GOVERNMENT COLLEGE OF TECHNOLOGY. COIMBATORE

has Successfully Completed
30 Days Internship on Electric Vechicle Design

at Pantech e Learning Pvt Ltd, Chennai

From 03.01.2022 To 01.02.2022

M.Malaiappan
Director
Pantech e Learning

Dr. Ravi Gujjala
Chief General Manager (Technical)
APSSDC

Prof. Rama Koti Reddy
Executive Director
APSSDC

N Bangara Raju
Managing Director
APSSDC

MEMORANDUM OF UNDERSTANDING

between

CODING NINJAS

Plot No. 360, Kohat Enciave,
Pitarnpura, Delhi - 110034.

AND

GOVERNMENT COLLEGE OF TECHNOLOGY (GCT)
(Autonomous Institution Affiliated to Anna University)
Thadagam Road, Coimbatore – 641 013

in connection with
Collaborative programmes in Training

OCTOBER, 2021



தமிழ்நாடு தமில்நாடு TAMIL NADU

93AB 416655

20.9.2021 Principal GCT
Cbe-13

S. MURUGANANTHAM
STAMP VENDOR,
R.O. PARTY SHED,
CBE-18, TAMIL NADU,
REF. NO: 4914/BI/84



M.1 MEMORANDUM OF UNDERSTANDING

M. 1.1 This Agreement made and entered into force this 7th of October, Two Thousand Twenty One THE CODING NINJAS PVT LTD Plot.360, Kohat Enclave, Pitampura, Delhi – 110034. (hereinafter referred to as CODING NINJAS which expression shall where the context so admits include its successors and permitted assigns) of the one part

AND

M. 1.2 Government College of Technology (GCT), an Academic Institution offering quality education in different areas, having its contact address at Thadagam Road, Coimbatore – 641 013 (hereinafter referred as the GCT which expression shall where the context so admits includes its successors and permitted assigns) of the other part.

M.2 PREAMBLE:

M 2.1 The Coding Ninjas Pvt. Ltd. fondly called hereafter referred as '**Coding Ninjas** with expression shall, where the contexts so admit include its successors and permitted assigns) and

Government College of Technology (GCT), (Coimbatore) Tamil Nadu (hereafter referred as **Government College of Technology (GCT)** with expression shall, where the contexts so admit include its successors and permitted assigns) mutually agreed to establish an Institute-Industry collaboration for achieving organizational excellence in the field of Software Engineering. The objective of this agreement is to promote by / interaction by sharing expertise and resources in the areas of common interest for mutual benefits.

M. 2.2 Government College of Technology (GCT) has always focused on providing the best skills to Students in the field of Engineering and has successfully created an ambience to impact in their lives. Coding Ninjas shares the same vision and has up-skilled students from more than 900+ colleges and university, till now. A Memorandum of Understanding between Government College of Technology (GCT)and Coding Ninjas will ensure that both the parties arrive at a common platform to work towards their vision and increase awareness about the importance of Coding and Technical skills among the Student community.

M.3. SCOPE OF COLLABORATION:

This MoU shall stipulate the terms and conditions under which Coding Ninjas and Government College of Technology (GCT)shall engage with each other to undertake the following areas/ activities jointly with mutually agreed terms and conditions. The areas/ activities can be further expanded and diversified with the mutual consent of both the parties:

M 3.1 A blended learning model wherein Coding Ninjas will help to enhance the learning process of Government College of Technology (GCT) students by providing a better learning management system and some industry standard content.

M 3.2 Coding Ninjas will provide a platform & training program with the following features completely **free of cost** which can be used to enhance the learning environment in college and will also encourage students to practice more programming questions and develop a deep understanding of the subject.

- Complete training for Python or Java programming languages.
- Students will solve more than 100 programming problems.
- Regular assignments to test learning of the students on the platform.
- Live 1-1 mentor support for students to get their doubts cleared in real-time while learning on the platform.
- Analytics dashboard for faculties to monitor student progress.
- Industry recognized certificates of completion & excellence for the students.

M.4 ROLE OF GOVERNMENT COLLEGE OF TECHNOLOGY (GCT):

- M 4.1** Government College of Technology (GCT) will encourage the faculty handling programming courses and students to effectively use the Coding Ninjas platform to enhance problem solving skills and to inculcate a coding culture among students.

M.5 ROLE OF CODING NINJAS:

- M 5.1** Coding Ninjas will provide all facilities mentioned in clause M.3
- M 5.2** Coding Ninjas will provide accounts and training sessions for the instructors and students of Government College of Technology (GCT) to better use the platform provided who have enrolled for a programming course at Government College of Technology (GCT).

M. 6 CODING NINJAS ACADEMIA COLLABORATION COMMITTEE (CACC):

- M 6.1** The following will constitute the coordination committee to monitor and review the collaboration programs between Government College of Technology (GCT) and Coding Ninjas.

Government College of Technology (GCT)

Dr. J. C. Miraclan Joyce Pamila

Coding Ninjas

Mr. Harsh Agarwal

- M 6.2** All the proposals will be presented to CACC and its advice will be treated as final recommendation for implementation, supervision and subsequent evaluation and completion of an activity or a collaborative exercise.
- M 6.3** The decision / guidance of CACC may be treated as final in all technical and financial matters.

M.7 FINANCIAL ASPECTS:

- M. 7.1** Coding Ninjas will provide all facilities mentioned under clause M.3 completely free of cost for as many students as Government College of Technology (GCT) wants to enroll.
- M. 7.2** Both Government College of Technology (GCT) and Coding Ninjas agree that no legal or financial liability shall accrue in the event of force majeure conditions such as natural calamities, strikes, lockouts, civil commotion, riot, accident or any other. Acts of God beyond the control of Government College of Technology (GCT) and Coding Ninjas to the agreement.

M.8 CONTENT RIGHTS:

- M 8.1** The content/platform provided by Coding Ninjas is a property of Coding Ninjas and is made available to the students and faculty of Government College of Technology (GCT) under this collaboration. However, Coding Ninjas reserves the complete copyright of the Content provided. The content provided should not be distributed to other organizations or on public platforms without prior consent of Coding Ninjas.

M.9 VALIDITY:

M 9.1 This MoU will remain valid for a period of **1 year** from the date of signing of the agreement with provision for yearly review by the CACC.

M 9.2 During the tenure of the MoU or thereafter, Government College of Technology (GCT) will be free to take similar or same type of work independently and will be free to enter into similar MoU with other parties.

M 9.3 The MOU tenure can be extended as mutually agreed.

M.10 CONFIDENTIALITY OBLIGATION:

M 10.1 During the tenure of agreement and thereafter, both Government College of Technology (GCT) and Coding Ninjas undertake on their behalf to maintain strict confidentiality and prevent disclosure thereof, of all the information and data exchanged/ generated pertaining to work under this agreement for any purpose other than in accordance with this agreement.

M 10.2 Both Government College of Technology (GCT), Coding Ninjas shall protect the confidential information using the same degree of care it uses for its own confidential information, but in no event less than reasonable measures to prevent the disclosure and unauthorized use of confidential information of the other party.

M 10.3 Both the organizations cannot share any information relevant TO STUDENTS AND FACULTY MEMBERS for any business or personal purposes.

M 11 RESOLUTION OF DISPUTE:

In case of dispute or difference whatsoever arising between Government College of Technology (GCT) and Coding Ninjas relating to or arising out of this agreement, the same shall be settled through mutual consultation between the authorized persons of CACC.

M 12 SURVIVAL OF PROVISION UPON TERMINATION:

Notwithstanding other terms of this MoU, provisions regarding confidentiality, dispute resolution and governing law survive even after termination of this MoU and shall have a binding effect.

In witness whereof the understanding, duly authorized, have signed this MoU in duplicate at Government College of Technology (GCT), on...07.10.2021

For and on behalf of CODING
NINJAS INDIA PVT LTD

Signature

Name : HARSH AGARWAL

Designation : Strategy Lead

Seal

Witnesses (Name & Address)

1.

2.

Date

For and on behalf of GCT

Signature

Name : Dr. P. THAMARAI

Designation : Principal

Seal

Principal
Government College of Technology
Coimbatore -641 013.

Witnesses (Name & Address)

1. *Murali Jayu Pawate*
Dr. J. C. Murali Jayu Pawate, PCCAS/CS
GCT, CBE

2. *Dr. K. L. W. Menon*
Dr. K. L. W. Menon, ASSO. PROF (CAS)/CBE,
GCT, CBE-13.

Date





Certificate Of Excellence

is awarded to

HARI KRISHNAN.G

for successfully completing the course

Introduction to Python

conducted from October 2021 to April 2022

Top Performer



A handwritten signature in black ink, reading 'Parikh Jain'.

Parikh Jain
Mentor / Instructor



A handwritten signature in black ink, reading 'Ankush Singla'.

Ankush Singla
Mentor / Instructor

certificate.codingninjas.com/verify/17df9ef7f0999c68



தமிழ்நாடு தமில்நாடு TAMILNADU

22.02.2021

D cad Engineers & Consultants
Coimbatore

M. MANICKAM
STAMP VENDOR
8/7 1st Floor, 1st Street
Gopalapuram Coimbatore 641 018
L.No 75718/93

CF 575785



Memorandum of Understanding

Between

Government College of Technology, Coimbatore

&

DCAD ENGINEERS AND CONSULTANTS

Civil and Structural Engineering Consultancy firm, Coimbatore

This memorandum of Understanding (MoU), executed at Coimbatore this 24th day of Feb 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

P. Shakivel

P. Manickam

Government College of Technology, Coimbatore – 641013, an academic Institution offering quality education in different areas, (Hereafter referred to as GCT) represented by Dr. P. Thamarai, the Principal.

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.
- GCT is a reputed institution which offers 9 Under Graduate Programs and 11 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 GCT.

NOW THIS MOU WITNESSETH AS FOLLOWS:

GCT 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/v cworkshops/conferences/Joint Industrial Consultancy and sponsored Research projects.
- DCAD allows the Civil Engineering students of GCT 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 GCT as per Industry requirements.
- GCT and DCAD shall undertake research activities related to various applications of Artificial Intelligence and IoT based applications.
- GCT and DCAD shall provide Industry centric training in Civil & Structural Engineering areas.
- GCT shall 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.

P. Thamarai

Shakivel

- 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.,
- GCT 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 24th day, Feb month, 2021 year first mentioned above.


**For Government College of Technology,
Coimbatore.**



PRINCIPAL
Govt. College of Technology
Coimbatore - 641 013
Signature

Dr. P. Thamarai

Principal

Date: 24.02.2021

Witness 1  24/2/2021
(Dr. R. THEVAMOORTHY)
Professor / Civil, GCT

Witness 2  24/2/2021
Dr. D. PADMINI
Professor & HoD / Civil
GCT

**For DCAD Engineers and Consultants
Coimbatore.**






Signature

Mr P. Shakivel M.Tech (IITM), P.E (ECI)

Managing Director

Date: 24.02.2021

Witness 1 
R. BALACHANDRAN
9381001367

Witness 2 
R. RADHAKRISHNAN
92444 39778



GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013

Smart India Hackathon 2022

Department of Civil Engineering

Internal Hackathon – Evaluation sheet

Time 2.00 p.m. Venue : Hall Number: 150 Main building , GCT

Date : 10.3.2022

Sl.No.	Team Name	Team members (team head should be the first name)	Register number	Department	Year of study	Problem statement	PS number	Domain	Novelty of idea (30)	Clarity of idea (20)	Practicability (20)	Sustainability and scale of impact (15)	User experience & Potential for future work progress (15)	Total (100)
1	Pasumai Siragugal	Kathir Praveen T	1911L08	CIVIL	III	AICTE, Student innovation, Hardware	SM966	Sustainable / Renewable Energy	20	10	16	12	10	68
2.		Ahalya S	1911102	CIVIL	III									
3.		Sabeera Jenisha S	1911186	CIVIL	III									
4.		Rathina Boopathi S	1911180	CIVIL	III									
5.		sivaranjani R	1911196	CIVIL	III									
6.		Rathina S	1911181	CIVIL	III									
1	Pasumai Siragugal	Sabeera Jenisha S	1911186	CIVIL	III	Swatch Bharat Mission , Waste Management system, Hardware	ML1189	Clean / Green Technology	29	15	16	15	15	90
2.		Ahalya s	1911102	CIVIL	III									
3.		Kathir Praveen T	1911L08	CIVIL	III									
4.		Rathina Boopathi S	1911180	CIVIL	III									
5.		Rathina S	1911181	CIVIL	III									
6.		Sivaranjani R	1911196	CIVIL	III									

Shakivel Palani
10/03/2022

Jury member 2 - Industry Expert
Er. Shakivel Palani, General Manager,
D-CAD centre for Applied Dynamics, N.Delhi



GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013

Smart India Hackathon 2022

Department of Civil Engineering

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1.	Nimbus' 2022	Sowmiya B	2011195	CIVIL	II	Work clothing that has sensors embedded in it to securely transmit data to managers about hazardous conditions and the workers' physical conditions , improving safety overall	NC738	Smart Automation	25	15	15	13	15	83
2.		Pavithra V	2011170	CIVIL	II									
3.		Dhananjayan L	2014107	ECE	II									
4.		Rajavishnu S	2012176	MECH	II									
5.		Ragavan S	2012175	MECH	II									
6.	Diksa S	2011130	CIVIL	II										

Jury member 2 - Industry Expert
Er. Shakivel Palani, General Manager,
D-CAD centre for Applied Dynamics, N.Delhi



GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013

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1	Pasumai Siragugal	Kathir Praveen T	1911108	CIVIL	III	AICTE, Student innovation, Hardware	SM966	Sustainable / Renewable Energy	20	11	17	12	10	70
2		Ahalya S	1911102	CIVIL	III									
3		Sabera Jenisha S	1911186	CIVIL	III									
4		Rathina Boopathi S	1911180	CIVIL	III									
5		sivaranjani R	1911196	CIVIL	III									
6		Rathina S	1911181	CIVIL	III									
1	Pasumai Siragugal	Sabera Jenisha S	1911186	CIVIL	III	Swatch Bharat Mission , Waste Management system, Hardware	ML1189	Clean / Green Technology	28	15	16	15	14	89
2		Ahalya s	1911102	CIVIL	III									
3		Kathir Praveen T	1911108	CIVIL	III									
4		Rathina Boopathi S	1911180	CIVIL	III									
5		Rathina S	1911181	CIVIL	III									
6		Sivaranjani R	1911196	CIVIL	III									

C. Meiaraj
10/03/2022
Jury member 1 - Subject Expert - Internal Member
Dr. C. Meiaraj, PCE (CAS), GCT



GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013

Smart India Hackathon 2022

Department of Civil Engineering

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1	Nimbus' 2022	Sowmiya B	2011195	CIVIL	II	Work clothing that has sensors embedded in it to securely transmit data to managers about hazardous conditions and the workers' physical conditions , improving safety overall	NC738	Smart Automation	26	15	15	14	15	85
2		Pavithra V	2011170	CIVIL	II									
3		Dhananjayan L	2014107	ECE	II									
4		Rajavishnu S	2012176	MECH	II									
5		Ragavan S	2012175	MECH	II									
6	Diksa S	2011130	CIVIL	II										

C. Meiaraj
10/03/2022
Jury member 1 - Subject Expert - Internal Member
Dr. C. Meiaraj, PCE (CAS), GCT



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1	Pasumai Siragugal	Kathir Praveen T	1911L08	CIVIL	III	AICTE, Student innovation, Hardware	SM966	Sustainable / Renewable Energy	21	11	16	11	10	69
2.		Ahalya S	1911102	CIVIL	III									
3.		Sabeera Jenisha S	1911186	CIVIL	III									
4.		Rathina Boopathi S	1911180	CIVIL	III									
5.		sivaranjani R	1911196	CIVIL	III									
6.		Rathina S	1911181	CIVIL	III									
1	Pasumai Siragugal	Sabeera Jenisha S	1911186	CIVIL	III	Swatch Bharat Mission , Waste Management system, Hardware	ML1189	Clean / Green Technology	27	16	15	15	15	88
2.		Ahalya s	1911102	CIVIL	III									
3.		Kathir Praveen T	1911L08	CIVIL	III									
4.		Rathina Boopathi S	1911180	CIVIL	III									
5.		Rathina S	1911181	CIVIL	III									
6.		Sivaranjani R	1911196	CIVIL	III									

S. Chitra
10/3/22
Jury member 3 - ED Cell Department Coordinator
Dr. S. Chitra, APCE, GCT



GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013

Smart India Hackathon 2022

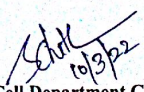
Department of Civil Engineering

Internal Hackathon – Evaluation sheet

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1.	Nimbus' 2022	Sowmiya B	2011195	CIVIL	II	Work clothing that has sensors embedded in it to securely transmit data to managers about hazardous conditions and the workers' physical conditions , improving safety overall	NC738	Smart Automation	25	14	16	15	14	84
2.		Pavithra V	2011170	CIVIL	II									
3.		Dhananjayan L	2014107	ECE	II									
4.		Rajavishnu S	2012176	MECH	II									
5.		Ragavan S	2012175	MECH	II									
6.	Diksa S	2011130	CIVIL	II										


Jury member 3 - ED Cell Department Coordinator I
Dr. S. Chithra, APCE, GCT



GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE-641013

Smart India Hackathon 2022


Department of Civil Engineering

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2.		Pavithra V	2011170	CIVIL	II									
3.		Dhananjayan L	2014107	ECE	II									
4.		Rajavishnu S	2012176	MECH	II									
5.		Ragavan S	2012175	MECH	II									
6.		Diksa S	2011130	CIVIL	II									


10/3/22
Jury member 4 - ED Cell Department Coordinator 2
Dr. A. Anitha, APECE, GCT

TO
COE
bmal
21/3/23

Department of Civil Engineering,
Govt. College of Technology,
Coimbatore – 641 013.
Date: 28.03.2023

Submitted to the Principal and Chairman:

Sub: Second PAC meeting - F.T. B. E., Civil Engineering – Verticals for 2018 A Regulations - Syllabus for III and IV Semesters 2022 Regulations – Part Time B.E. 2023 Regulations Curriculum and Syllabus for I semester – Minutes and Remuneration details - Submitted – Reg.
Ref: Prl's Letter No.: GCT/COE/BOS/UG/CURRICULA & SLLABI/2023,
Dated: 16.03.2023

With reference to the letter cited above, the second Programme Advisory Committee (PAC) meeting for the Full Time B.E. Civil Engineering 2018 A and 2022 Regulations and Part Time B.E. Civil Engineering 2023 Regulations was conducted on 16.03.2023 through online mode using Google meet. The minutes of the PAC meeting is enclosed herewith. It is requested that kindly sanction the remuneration of Rs.7500/- (Seven thousand five hundred only) for the three outside expert members for attending the meeting.

R.M.H. 28/3/23

Chairperson
Programme Advisory Committee

Encl: Minutes Copy

GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE -13
(An Autonomous Institutions Affiliated to Anna University, Chennai)

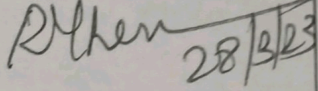
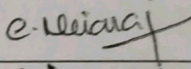
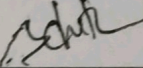
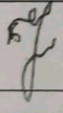
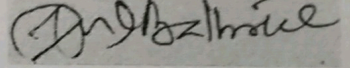
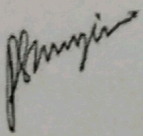
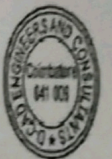
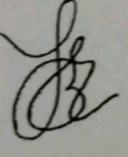
Department of Civil Engineering

Minutes of Meeting of the Programme Advisory Committee

Dated: 29.03.2023

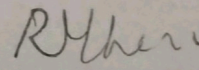
The second **Programme Advisory Committee** meeting for the academic year 2022 -2023 was held on 16.03.2023(Thursday) at 10:30 a.m. through Google meet using the link <https://meet.google.com/gbf-jtje-ygf?hs=122&authuser=0>

The following members attended the meeting.

1.	Dr. R. Thenmozhi	Chairperson / Professor and Head of the Department	
2.	Dr. C. Meiaraj	Programme Co-Ordinator UG (F.T.)	
3.	Dr. S. Chithra	Programme Co-Ordinator UG (P.T.)	
4.	Dr. K. Rekha	Senior faculty member	
5.	Dr.M.Ibrahim Bathusha, Professor / Department of Civil Engineering, PSG college of Technology, Coimbatore - 641004. Mobile No: 7339016337 Mail id: mib.civil@psgtech@ac.in	Subject Expert	
6.	Er.P.Shakivel, M.Tech., (IITM), Managing Director and Head- Engineering, DCAD Engineers & Consultant, 61/72, First floor, Sarojini Street, Ram Nagar, Coimbatore - 641009. Mobile No: 9597218561 Mail id: shakiit31@gmail.com	Industry Representative	 
7.	Dr.T.Balasubramaniam, Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Technology, - Coimbatore - 641014. Mobile No: 8072475883 Mail id: balasubramaniam.t@cit.edu.in	Alumni Representative	

7. The industrial expert member Er.P.Shakivel has requested to include an industry visit for gaining practical experience towards the laboratory courses and practical inbuilt courses.
8. The subject expert member Dr.M.Ibrahim Bathusha has suggested to modify the title and content of the practical course Material testing Laboratory.
9. The Chairperson has presented the attainment of course outcomes for the last semester subjects. The expert members were suggested to fix the uniform target level for all the subjects to find the attainment level and it was approved.
10. The Chairperson has presented the 2023 regulations curriculum of P.T.B.E Civil Engineering (I to VII semesters) and syllabus for the first semester courses and it was approved by all the expert members.
11. The alumni member Dr.T.Balasubramaniam has requested to have atleast one industrial visit in a semester for all students for getting field knowledge.
12. The chairman has presented the syllabus content of the CDIO (Conceive-Design-Implement-Operate) course "Engineering Exploration" listed in the IV semester curriculum and it was recommended by all the expert member.

Finally the Chairperson thanked all the Expert members from the Esteemed Organization and Industry expert for their valuable presence and suggestions to update our knowledge in the curriculum for current industrial scenario and also student's betterment for their future.


28 3.23
Chairperson

Programme Advisory Committee

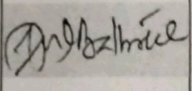
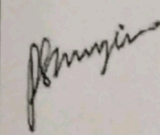
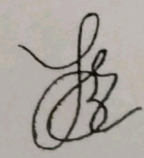
Government College of Technology, Coimbatore – 13.

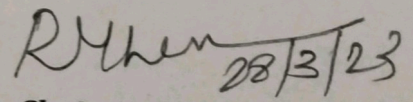
Department of Civil Engineering

Programme Advisory Committee

Date: 16.03.2023

Details of Remuneration

Sl. No.	Name and Designation	Designation	Sitting Fee (Rs.)	D.A (Rs.)	T.A (Rs.)	Total (Rs.)	Account Number with IFSC code	Signature
1.	Dr.M.Ibrahim Bathusha, Professor / Department of Civil Engineering, PSG College of Technology, Coimbatore – 641004. Mobile No: 7339016337 Mail id: mib.civil@psgtech@ac.in	Academic Expert member	2500	-	-	2500	M Ibrahim Bathusha 093101000015377 IFSC: IOBA0000931 Indian Overseas Bank	
2.	Er.P.Shakivel, M.Tech., (IITM), Managing Director and Head-Engineering, DCAD Engineers & Consultant, 61/72, First floor, Sarojini Street, Ram Nagar, Coimbatore – 641009. Mobile No: 9597218561 Mail id: shakiiit31@gmail.com	Industry Representative	2500	-	-	2500	P Shakivel 920010014145139 IFSC: UTIB0002325 AXIS Bank	
3.	Dr.T.Balasubramaniam, Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore – 641014. Mobile No: 8072475883 Mail id: balasubramaniam.t@cit.edu.in	Alumni Representative	2500	-	-	2500	T Balasubramaniam A/C. No. 6048775651 IFSC:IDIB000S107 Indian Bank	
TOTAL			7500	-	-	7500	7500 (Rupees seven thousand five hundred only)	


28/3/23

Chairperson
Programme Advisory Committee



தமிழ்நாடு தமில்நாடு TAMILNADU

19.3.2021

Prnc. & Pd. Co. Et

CBF-13

M. Vijayalakshmi
M. VIJAYALAKSHMI
STAMP VENDOR
L.No. 928/03/2021-22
31, Jaya Nagar, N.K.Palayam (Po),
Coimbatore- 641 033, Tamil Nadu

CF 613948

MEMORANDUM OF UNDERSTANDING


between

Micro, Small And Medium Enterprise Technology Development Centre, Agra
and

Government College Of Technology, Coimbatore-64013

This **MEMORANDUM OF UNDERSTANDING** is entered at **COIMBATORE** on this day of **12th APRIL 2021** between **MICRO, SMALL AND MEDIUM ENTREPREISE TECHNOLOGY DEVELOPMENT CENTRE, MINISTRY OF MSME GOVERNMENT OF INDIA, FOUNDRY NAGAR, AGRA**, represented by its **PRINCIPAL DIRECTOR** hereinafter called the **MSME**, and **GOVERNMENT COLLEGE OF TECHNOLOGY**, Thadagam Road, Coimbatore-64013 represented by its **Principal** hereinafter called the **GCT**.


(J. Pannesarvam)
Principal Director
MSME Technology Development Centre
(Process & Product Development Centre)
Foundry Nagar, AGRA-282 006


Dr. P. THAMARAI, Ph.D.
PRINCIPAL
Govt. College of Technology
Coimbatore - 641 013.

✓ Signature


Two signed originals of this Memorandum of Understanding will be produced, one to reside with each party.

✓ This MOU shall not create any legal obligation on either party and a separate agreement shall be entered into between the parties of this MOU in respect of execution of the work agreed under this MOU.

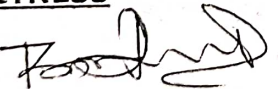
✓ Service audit and program review functions shall be performed jointly when appropriate. Both parties mutually agree not to use the name of the other party in any public information without permission of the concerned party.

GOVERNMENT COLLEGE OF TECHNOLOGY and MSME-Technology Development Centre AGRA, hereby agree to all of the above and enter into a joint agreement until such time that either party shall amend or review the said agreement in writing.


IN WITNESS WHEREOF BOTH THE PARTIES HAVE SIGNED ON THIS DAY, MONTH AND YEAR ABOVE MENTIONED.


**PARTY OF THE FIRST PART
MICRO, SMALL & MEDIUM
ENTERPRISES TECHNOLOGY
DEVELOPMENT CENTRE
MSME- TDC, AGRA**

WITNESS

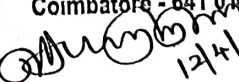
1. 

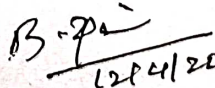
2.


**PARTY OF THE SECOND PART
GOVERNMENT COLLEGE OF
TECHNOLOGY
COIMBATORE- 641013.**

**Dr. P. THAMARAI, Ph.D.
PRINCIPAL**

Govt. College of Technology
Coimbatore - 641 013.

1. 
12/4/21

2. 
12/4/2021 **C.N. VADIVELU
APME**

Internship Report: MSME-GCT Collaboration (Financial Year 2023-24)

1. Introduction

The Internship program conducted by the **Micro, Small and Medium Enterprises (MSME)**, Technology Development Centre (PPDC), Extension Centre Coimbatore in collaboration with the **Government College of Technology (GCT)** during the financial year 2023-24 aimed to provide students with practical exposure and enhance their skills. This report outlines the training programs offered and highlights the experiences of the interns.

2. Objectives

The primary objectives of the internship were as follows:

- **Skill Development:** To equip students with relevant skills in Java programming, Embedded systems, and 3D modelling.
- **Hands-On Learning:** To provide hands-on experience through workshops, projects, and practical sessions.

3. Methodology

The following methodologies during the internship:

3.1 Training Programs

1. **Java Programming** (20-Dec-2023): 48 Candidates

- **Topics Covered:** Core Java concepts, object-oriented programming
- **Practical Sessions:** Students actively participated in coding exercises, debugging, and mini-projects.
- **Achievements:** Several students successfully developed Java applications and gained confidence in their programming skills

2. **Embedded Systems** (27-Dec-2023): 61 Candidates

- **Practical Aspects:** Students will gain knowledge in embedded hardware and software.
- **Projects:** They worked on sensor interfacing, microcontroller programming
- **Outcomes:** Interns gained insights into real-world applications of embedded systems.

3. **SolidWorks** (20-Dec-2023) & (10-Feb-2024): 25 & 58 Candidates

- **Design Projects:** Students explored 3D modelling using SolidWorks.
- **Prototyping:** They created 3D models and even 3D-printed some designs.
- **Experiences:** The interns appreciated the practicality of SolidWorks in product design.

4. **Training Moments**







4. Recommendations

Based on the internship experiences, we recommend the following:

- **Enhanced Practical Exposure:** Include more industry-specific projects.
- **Guest Lectures:** Invite industry experts for guest sessions.
- **Regular Feedback:** Gather feedback from students to improve future programs.

5. Conclusion

The MSME-GCT collaboration has been fruitful, providing students with valuable skills and practical knowledge. We appreciate GCT's support and look forward to continued partnerships in the future.

MSME appreciates the Dr. S. Parimala Murugaveni (*Associate Professor of Mechanical Dept.*)
Coordinator and Convener, MSME Facilitation Centre, Government College of Technology,
Coimbatore for her tireless efforts and coordination in conducting training and internship
programs to students for all departments in GCT



Shri. D Balaguru

Asst. Director, Centre-In-Charge

Extension Centre Coimbatore



MSME-TECHNOLOGY DEVELOPMENT CENTRE (PPDC)

एम.एस.एम.ई.- तकनीकी विकास केन्द्र
Ministry of Micro, Small and Medium Enterprises
सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय



Government of India Society
भारत सरकार की सोसाइटी
Foundry Nagar, Agra-282 006 (U.P.)
फाउन्ड्री नगर, आगरा-282 006 (उ.प्र.)

Reg. No : 148765

प्रमाण पत्र
Certificate

This is to certify that

Mr. Nayan Shaji

S/o Mr. Shaji Nambiar

has successfully completed training

on

SOLID WORKS

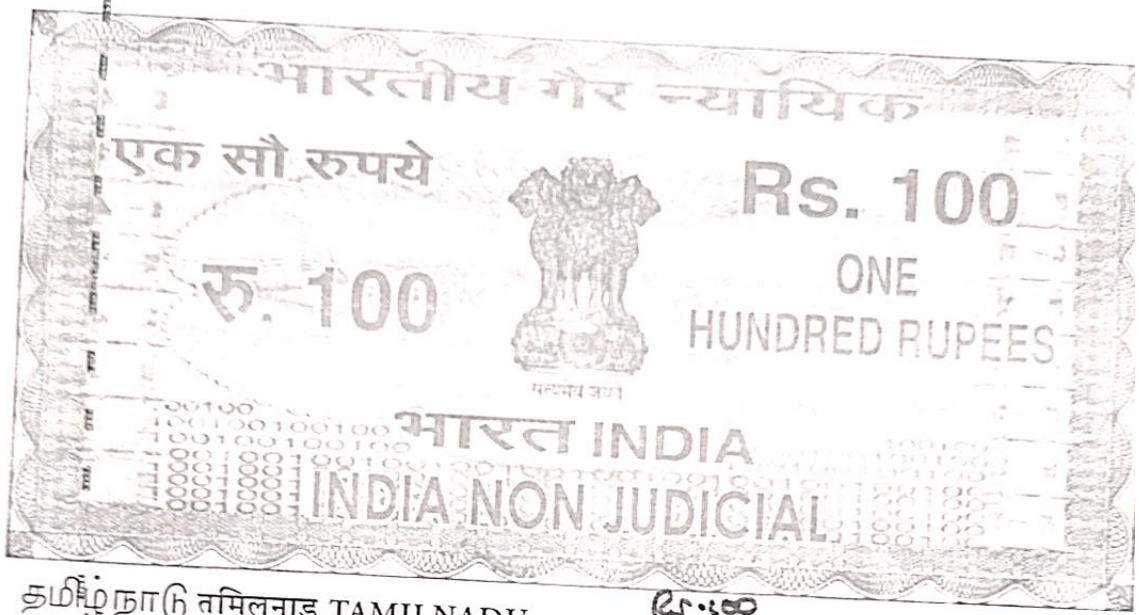
from 02.05.2022 to 03.06.2022 (96 hrs.) at Coimbatore



DATE : June 13, 2022
PLACE : AGRA


(SACHIN RAJPAL)
PRINCIPAL DIRECTOR

No. PPDC/Trg./OSP/2022-23/5546



தமிழ்நாடு தமில்நாடு TAMILNADU
21-9-2021
IPT
Coimbatore

I. Mary Evangelin Reba
I. MARY EVANGELIN REBA
STAMP VENDOR
126-A, Ramalinga Colony,
M.T.P. Road, Coimbatore - 43
L No : 7333/B1/97F3

CF 740134

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

Centre for Stem Cell and Cancer Genomics, AMI Bioscience, Coimbatore
AND
Government College of Technology, Coimbatore

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this ^{24th} day of the Month NOV of 2021 between Centre for Stem Cell and Cancer Genomics, AMI Bioscience, Coimbatore and Government College of Technology, Coimbatore. The First Party represented by its Director herein after called the AMI Bioscience. The Second party represented by its Principal herein after called the GCT.

A) First Party is a research institute named: AMI Bioscience is engaged in molecular biology, genetic engineering and stem cell related works.

A. Mahesh
Dr. Ayyavu Mahesh, Ph.D.,
Director
AMI BioScience

P. Thirumala
Principal
Government College of Technology

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

First Party

Centre for Stem Cell and Cancer Genomics,

AMI Bioscience, Coimbatore

Dr. Ayyavu Mahesh, Ph.D.,
Director

Witness:

Dr. VENKATESH, M.J. - Ph.D.

FACULTY

CBE - 4

J. Jeyanthi
24/11/21

Dr. J. JEYANTHI, M.E. Ph.D
Professor and Head
Department of Industrial Biotechnology
Government College of Technology
Coimbatore - 641 013

Second Party

Government College of

Technology, Coimbatore

Principal

Government College of Technology
Coimbatore - 641 013.



Centre for Stem Cell and Cancer Genomics
AMI BioSciences
(MSME registered No: TN03E0041919)
Coimbatore-04

Certificate of Completion

This is to certify that Prof.M.N.Nafisa Begam, Assistant Professor, Department of Industrial Biotechnology, Government College of Technology, Coimbatore has completed the Two weeks Industrial Training on “Molecular Cloning and Cancer cell culture” conducted by Centre for stem cells and cancer genomics, AMI Biosciences, Coimbatore from 17th March to 31st March, 2021.

Dr. A. Mahesh
Founder & Director

A. Mahesh



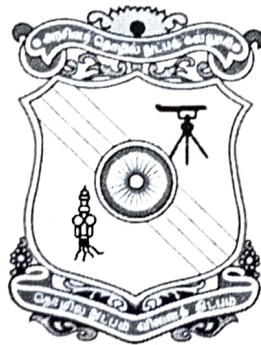
MEMORANDUM OF UNDERSTANDING (MoU)
02nd September, 2021

BETWEEN



Maven Silicon Softech Private Limited, Bangalore - India

&



**Department of Electronics & Communication Engineering,
Government College of Technology,
Coimbatore, Tamil Nadu - India**

FOR

VLSI TRAININGS AND RELATED SERVICES

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 02nd DAY of September - Two Thousand and Twenty-one (02/09/2021), by and between

M/s. **Maven Silicon Softech Private Limited** with registered office at # 21/1A, III Floor, Marudhar Avenue, Gottigere, Bannerghatta Road, Bangalore - 560076, Karnataka – India with **GSTIN No: 29AAGCM3939H1Z4** as **THE FIRST PARTY** represented herein by its **Sr. Manager– Udayachandar** [hereinafter referred as '**First Party**' (**PARTY 1**)].

AND

Dept. of Electronics & Communication Engineering, Government College of Technology having its campus at **Thadagam Road, Coimbatore - 641 013, Tamil Nadu. India** with **GSTIN No: 33AAALG6830C1ZM** as **THE SECOND PARTY** represented herein by its **Department of Electronics & Communication Engineering, HOD – Dr. C. Santhi** (hereinafter referred to as "**Second Party**") (**PARTY 2**). The Second Party is seeking VLSI training services which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

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

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

1. Purpose of the AGREEMENT & MOU

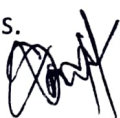
This Agreement is entered between both the PARTIES in good faith, where the First Party undertakes responsibility to educate the Trainee / Student in the field of Semiconductors (Mainly including VLSI Design [Very Large-Scale Integration]), and to gain practical knowledge by utilizing the services made available only for the Online/ Blended/ Virtual learning process.

2. Scope and Terms of Interactions of the MOU

For the purpose of this Agreement - MOU, the term "**The Disclosing Party**" shall be the PARTY 1 that discloses confidential information to the Receiving Party and the term "**the Recipient**" shall be the PARTY 2 that receives Confidential Information from the Disclosing Party. The PARTY 2 will share with PARTY 1 only such information like, name, email and mobile number towards having the students get enrolled for the VLSI online training program.

Both PARTY 1 and PARTY 2 shall encourage interactions between the Trainers from Party 1, Faculty members and Students from Party 2 through the following arrangements:

Practical/ Internship training of PARTY 2 students and staff with respect to the selected courses.



- c) To conduct FDP for the eligible staff members of PARTY 2
- d) Guiding students of PARTY 2 towards their participation in the VLSI Training Programs that are included in each semester / final semester as internship.
- e) In any of the activities mentioned above, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out clearly before starting the activity.
- f) PARTY 1 will raise a **Quotation** with costs on case-to-case basis, which will be shared with PARTY 2. Once the Quotation is approved and signed with seal by PARTY 2, PARTY 1 will create the access to the cloud-based learning platform as per the Quotation (number of students/semesters, training courses, validity of the course, number of licenses etc.)
- g) Practical/ Internship training of PARTY 2 students and staff, at PARTY 1 facility.
- h) Providing Lab environments and experience on projects at PARTY 1 facility.
- i) Auditorium / rooms sufficient for in person meetings with students / faculty shall be provided at facilities of PARTY 2 to PARTY 1 for conducting such seminar / workshops.

3. Confidentiality and IPR

“Confidential Information” shall mean all such information that comprise of “**Intellectual Proprietary Rights**” of the PARTY 1 including but not limited to terms of this Agreement, data or facts collectively or severally, disclosed by the disclosing party under this agreement or any subsequent agreement, whether in writing, verbal or electronically, irrespective of the medium in which such information is stored, which is marked confidential or with any other words having similar meaning by the disclosing party, or specifically agreed to be kept confidential by the PARTY 2, or declared or identified so by the disclosing party before such disclosure or during the discussions.

- a) Power Point Presentations [PPTs], hard copy materials, source codes of the projects and lab exercises, videos and technical contents of the Learning Management System – **MASS** [Maven Support System], eLearning platform (<https://elearn.maven-silicon.com>), commercial, technical and artistic information relating to PARTY1, business , operation, maintenance, marketing and promoting of its own services, experimental work , software, technology, methods, documentation, designs and materials and general trade secrets of PARTY1 are intellectual property of PARTY1, as well as any other information labeled “Confidential” by PARTY1 or accessible to or provided to the Trainee under this Agreement, whether protected under law or not. The Confidential Information and obligations thereto shall apply irrespective of the form in or the media on which such information is displayed or contained.
- b) Ownership of Confidential Information: The PARTY 1 has the Sole ownership of the Confidential Information as per the Intellectual Property Rights defined at <https://elearn.maven-silicon.com/policies> . The PARTY 2 and its students who have enrolled for the courses only have the right to use the confidential information for educational purposes during the course of Training Period.
- c) At all times, PARTY 2 understands and agrees that the training materials including the access to PARTY 1’s **eLearn cloud-based platform** shall not be shared by its trainee / student, to any third party, whatsoever. Under any circumstances, if it comes to the knowledge of the trainee that such training materials are in possession of any third party, the trainee shall immediately promptly bring it to the notice of the PARTY 1.
- d) The PARTY 2 understands and agrees that any patent or copyright or any other Intellectual Property developed by the Trainee during the Training period by utilizing the services and facilities of the PARTY 1, shall solely vest with the PARTY 1 only.



- e) All the Documents pertaining to confidential information shall be returned to the PARTY 1 by the Trainee once the Training is complete or as and when requested or directed by the PARTY 1.
- f) The PARTY 2 hereby acknowledges that Party 1 possesses competitively valuable Confidential Information regarding their current and future training solutions for the semiconductor industry and Engineers/Students doing EEE/ECE from all over the world, especially the rates offered by PARTY 1 to PARTY 2, and special engagement fees.
- g) During the tenure of the MOU both PARTY 1 and PARTY 2 will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MOU for any purpose other than in accordance with this MOU.
- h) Both PARTY 1 and PARTY 2 shall bind their respective personnel who come into possession or knowledge of any confidential information not to disclose the same to third parties without written approval of the disclosing party or use such confidential information for any use other than intended under this agreement or projects.
- i) Further both PARTY 1 and PARTY 2 shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.

4. Amendments

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

5. Effective date and Duration of the MOU

- a) This MOU is signed on 02nd September 2021 and shall be effective from the date of signing of both PARTY 1 and PARTY 2 by competent authorities at both ends.
- b) The duration of the MOU shall be for a period of three years (36 calendar months) from the effective date.
- c) During its period, the MOU may be extended or terminated by a prior notice of not less than three months (3) by either party. However, termination of the MOU will not in any manner affect the interests of the students/ faculty, who have been admitted to pursue a programme under the MOU but not exceeding the validity of the course duration as mentioned in the Quotation.
- d) Any clause or terms of the MOU may be modified or amended by mutual agreement of PARTY 1 and PARTY 2 in writing.

6. Resolution of Disputes

- a) This agreement shall take effect and be construed in accordance with the Laws of India and be subject to the jurisdiction of the courts in Bangalore, Karnataka - India.
- b) The dispute or difference whatsoever arises between the PARTIES in relation to or in connection with this AGREEMENT both the PARTIES shall first try to resolve the dispute/difference amicably between themselves, failing which the matter shall be referred to and settled through arbitration. **The arbitration proceedings** shall be held in accordance with the provision of Indian Arbitration and Reconciliation ACT, 1996. The venue of arbitration shall be Bangalore, Karnataka - India and Language of arbitration shall be English.



7. **Miscellaneous**

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this Agreement.
- b) Both PARTY 1 and PARTY 2 shall not, during the term of this Agreement directly or indirectly, solicit or offer employment or engagement to any of the personnel of other party without the prior consent in writing of that other party.
- c) After this Agreement has been signed, all preceding understandings/ negotiations and correspondence pertaining to it shall become null and void.
- d) All obligations created by this Agreement shall survive change or termination of the PARTIES' business relationship for a period of no more than three (3) years.
- e) Audio-recording or videotaping of the ILT, VILT and Online Courses trainings is not permitted.
- f) PARTY 1 (Maven Silicon Softech Private Limited) reserves the right to substitute an instructor(s).
- g) Course prices are subject to change without notice.
- h) Once you accept and have your staff enrol in the training program offered by PARTY 1, automatically the privacy policy and terms and conditions as mentioned in the website will be legally binding on the staff, students, management and faculty of PARTY 2: <https://www.maven-silicon.com/privacy-policy#> , <https://www.maven-silicon.com/terms-and-conditions> , <https://elearn.maven-silicon.com/privacy-policy> and <https://elearn.maven-silicon.com/policies>



IN WITNESS WHEREOF, the PARTIES hereto have executed this Agreement by their duly authorized representatives as of the date first set forth above.

PARTY ONE (1):

By signing this MOU, I also confirm that,
I am authorized to sign on behalf of,

Maven Silicon Softech Pvt Ltd

Signature: _____



Name: **Mr. S K U Udayachandar**

Title: Sr. Business Development Manager

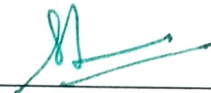
Date: 02.09.2021

PARTY TWO (2):

By signing this MOU, I also confirm that,
I am authorized to sign on behalf of,

Dept. of Electronics & Communication
Engineering, Government College of
Technology

Signature: _____



Name: **Dr. C. Santhi**

Title: HOD – Dept. of ECE

Date: 02.09.2021

Maven Silicon Softech Private Limited.	Dept. of Electronics & Communication Engineering, Government College of Technology.
Address: # 21/1A, III Floor, Marudhar Avenue, Gottigere, Bannerghatta Road, Bangalore - 560076, Karnataka – India.	Address: Thadagam Road, Coimbatore - 641 013
91483 72555	99524 32677
uday@maven-silicon.com	santhi.c.ece@gct.ac.in
www.maven-silicon.com	www.gct.ac.in

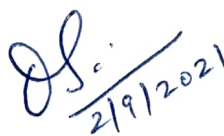
Witness

1



Mr. Subho Chakraborty
Sr. Business Development Manager

1



Dr. O. Saraniya
Associate Professor (CAS), Dept. of ECE - GCT

2

2

[Signature]
20/sep/21

Mr. Veeresh S G
Manager – HR & Operations

[Signature]
02/09/2021

Dr. P. Deepa
Assistant professor, Dept. of ECE - GCT



GOVERNMENT COLLEGE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
BATCH:2019-23 **CLASS: III YEAR ECE**

The following list of students are interested to attend hands on VLSI course conducted by Maven Silicon
BATCH 1

S.No.	Roll No	Name	E-Mail ID
1	1914101	ABDUL MALIK A	abdu.1914101@gct.ac.in
2	1914102	AJAY S	ajay.1914102@gct.ac.in
3	1914103	ANBARASU M	anba.1914103@gct.ac.in
4	1914104	ANTO SANJAY S	anto.1914104@gct.ac.in
5	1914105	ARUN VIKRAM A R	arun.1914105@gct.ac.in
6	1914106	ARUNA P	arun.1914106@gct.ac.in
7	1914107	ARUNPRASATH K	arun.1914107@gct.ac.in
8	1914108	BINUSHYA PRAKASH E	binu.1914108@gct.ac.in
9	1914109	DEEPASHREE S	deep.1914109@gct.ac.in
10	1914110	DHANUJA A	dhan.1914110@gct.ac.in
11	1914111	ELAKIYA V	elak.1914111@gct.ac.in
12	1914112	GOWTHAM R	gowt.1914112@gct.ac.in
13	1914113	GOWTHAM S	gowt.1914113@gct.ac.in
14	1914114	GURUPRASATH A	guru.1914114@gct.ac.in
15	1914115	HARINI M P	hari.1914115@gct.ac.in
16	1914116	JAISHREE J	jais.1914116@gct.ac.in
17	1914117	JAYAPRIYA P	jaya.1914117@gct.ac.in
18	1914118	JIGENDHRA GOWRI M	jige.1914118@gct.ac.in
19	1914119	KARISHMA B B	kari.1914119@gct.ac.in
20	1914120	KARTHI N	kart.1914120@gct.ac.in
21	1914121	KAVIN R	kavi.1914121@gct.ac.in
22	1914122	KAVINRAJ K	kavi.1914122@gct.ac.in
23	1914123	KAVIYA SHRI M	kavi.1914123@gct.ac.in
24	1914124	KOKULRAJA R	koku.1914124@gct.ac.in
25	1914125	MANI BHARATHI T	mani.1914125@gct.ac.in
26	1914126	MUKILAN A K	muki.1914126@gct.ac.in
27	1914127	NIRMAL AJAY N	nirm.1914127@gct.ac.in
28	1914128	PREETHI S R	pree.1914128@gct.ac.in
29	1914129	SANFIYA BANU M H	sanf.1914129@gct.ac.in
30	1914131	SETHURAMAN P	seth.1914131@gct.ac.in
31	1914132	SHAKTHI PRIYA M	shak.1914132@gct.ac.in
32	1914133	SIVA SANKAR R	siva.1914133@gct.ac.in

for J. Ranganath
F.A

M. S. S. S.
24/11/21

HoD/ECE

GOVERNMENT COLLEGE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
BATCH:2019-23 **CLASS: III YEAR ECE**

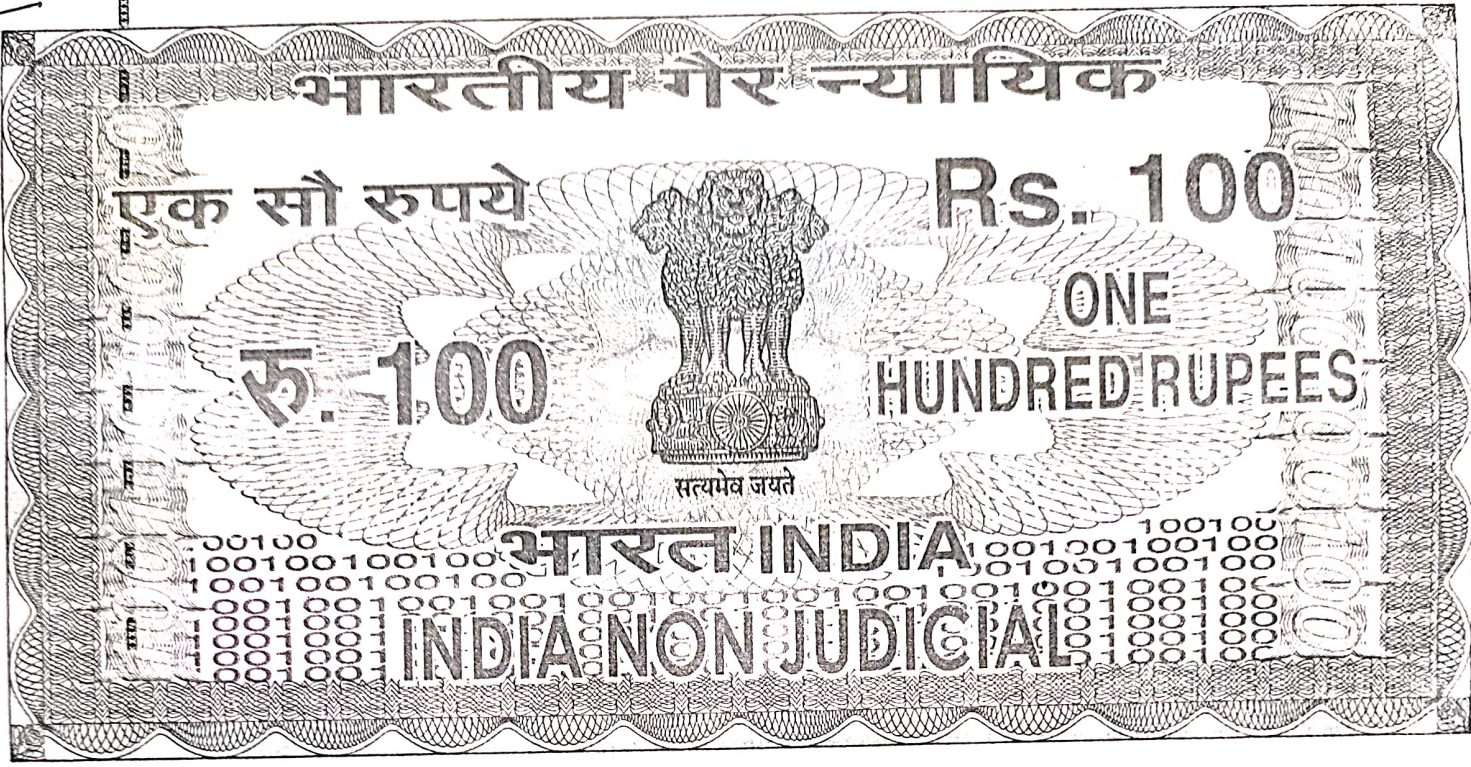
The following list of students are interested to attend free hands on VLSI course conducted by Maven Silicon

BATCH 2

S.No.	Roll No	Name	E-Mail ID
1	1914134	SIVANESH M	siva.1914134@gct.ac.in
2	1914135	SNEHA K	sneh.1914135@gct.ac.in
3	1914136	SUVETHA S	suve.1914136@gct.ac.in
4	1914137	VINUPRIYA K P	vinu.1914137@gct.ac.in
5	1914138	VISHNUPRIYA E	vish.1914138@gct.ac.in
6	1914301	ANNE SHIFANA S R	annu.1914301@gct.ac.in
7	1914302	JEEVITHA K	jeev.1914302@gct.ac.in
8	1914303	MAHARAJA S	maha.1914303@gct.ac.in
9	1914304	MEIANANDAVEL T	Meia.1914304@gct.ac.in
10	1914305	PRASANTHI T	pras.1914305@gct.ac.in
11	1914306	RAGA VARSHINI R	raga.ece3t@gct.ac.in
12	1914307	RAM SRI HARI S	rams.ec3t10@gct.ac.in
13	1914308	SANTHOSH KUMAR S	Sant.3ect@gct.ac.in
14	1914309	SWETHA T	swet.1914306@gct.ac.in
15	1914L01	AKSHAYASRI S	aksh.1914L01@gct.ac.in
16	1914L02	ARUN M	arun.1914L02@gct.ac.in
17	1914L03	ASHWIN KUMAR E	aswi.ec19@gct.ac.in
18	1914L04	DEVANARAYANAN R	deva.1914I03@gct.ac.in
19	1914L05	GOKUL R	goku.1914I04@gct.ac.in
20	1914L06	GOWTHAM K	gowt.1914L05@gct.ac.in
21	1914L07	INDHUMATHI S	indh.1914L06@gct.ac.in
22	1914L08	IYAPPAN V	iyap.ec18@gct.ac.in
23	1914L09	MONISHA R	moni.1914I07@gct.ac.in
24	1914L10	NANDHAKUMAR S	nand.1914L08@gct.ac.in
25	1914L11	RUBESH R	rupe1914I09@gct.ac.in
26	1914L12	SOUNDHARRAJAN S	soun.1914L10@gct.ac.in
27	1914L13	SUNDAR M	sund.1914I10@gct.ac.in
28	1914L14	TAMILARASAN M	tami1914L11@gct.ac.in
29	1914L15	VENKADESH P	venk.1914I12@gct.ac.in
30	1914L16	VENKATESH G	venk.1914I13@gct.ac.in
31	1914L17	VIKRAM P	vikr.1914I14@gct.ac.in
32		DHARUN D	dharundiwar2001@gmail.com
33		SRI GOKUL E	srigokul879@gmail.com

[Signature]
24/11/21
-f HoD/ECE

fr J. Ranganayaj
F.A



தமிழ்நாடு தமில்நாடு TAMILNADU

CF 739629

3/9/2021

சுமீ
சுமீ

M. Vijayalakshmi
M. VIJAYALAKSHMI

STAMP VENDOR

L.No. 928/E. 1/2021-22/CBE.

31, Jaya Nagar, Neelkonampalayam Post,
Coimbatore - 641 033.

Memorandum of Understanding (MoU)

Between

MaxCADD, Coimbatore. and Government College of Technology, Coimbatore

This Memorandum of Understanding (MoU) is entered into Oct, 27 th day of 2021 by and between MaxCADD, Coimbatore, incorporated in 1 having its headquarters 1st, No 409C, Crosscut Road, Coimbatore - 12, Tamilnadu. (hereinafter referred to as " MaxCADD ") and Government College of Technology, Thadagam Road. Coimbatore - 641013, was established in 1945 hereinafter referred to as "GCT".

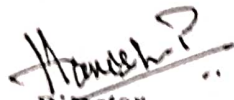
Recitals

- MaxCADD, leading engineering design and value added services company, supporting MSME companies since 2010. It offers innovative and customised solutions catering to specialised application requirements of varied industries and thereby, ensure the availability of quality research and development for all applications.

reasonable control of the party affected; then notwithstanding anything here before contained, the party affected shall be excused from its performance to the extent such performance relates to prevention, restriction, delay or interference and provided the party so affected used its best efforts to remove such cause of non-performances, and when removed the party shall continue performance with the utmost dispatch. Each of the parties agrees to give written notice to the other party upon becoming aware of an Event of Force Majeure, and mentioning details of the circumstances giving rise to the Event of Force Majeure.

27. **Indemnity:** Each of the parties shall defend, indemnify and hold the other party harmless from and against any claim, liability, loss, costs or expenses (including reasonable Attorney's fees) arising out of or resulting from the material breach of the provisions herein.
28. The headings and sub-headings are inserted for the convenience only and shall not affect the construction of this Agreement.

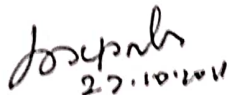
IN WITNESS WHERE OF THE PARTIES HAVE SET THEIR HANDS HERE TO ON THE DAY AND YEAR FIRST HERE IN ABOVE WRITTEN UNDER THEIR RESPECTIVE SEAL OF OFFICE.



Director
Harish. P
MaxCADD,
409C, Crosscut Road,
Coimbatore - 12

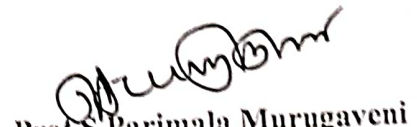


Dr. P. Thamarai
Principal,
Government College of Technology,
Coimbatore - 641 013.


27.10.2011

Dr. P K Palani
Professor of Mechanical Engineering
Government College of Technology,
Coimbatore - 641 013.

Witness


Prof. S. Parimala Murugaveni
Associate Professor of
Mechanical Engineering
Government College of
Technology,
Coimbatore - 641 013.

Permitted.

22/04/2022

Industry Readiness Cell
Government College of Technology,
Coimbatore-13
Date: 22.04.2022

Submitted to the Principal

Sub: Industry Readiness Cell - Workshop on "Additive Manufacturing" -
Permission Requested - Reg.

Lr.No: GCT/Mech/Workshop/Guest Lecturer - 01 / Dated 22/4/2022

As per Mou Made with Maxcadd,India, A workshop on Additive Manufacturing Planned under IIIC-IRC, for third year Mechanical Engineering Students, who is studying 18MPE617 Additive Manufacturing as a part of syllabus on 29-04-2022. This session will certainly kindle the minds of students and help them to plan for their careers.

The tentative schedule is given below.

S.No	Topic	DATE & TIME	Number of Participants
1	Industrial lecture on "Additive Manufacturing"	29.04.2022 (Friday) 10.00 a.m.to 05.00 p.m.	3 rd year UG students - 33 Nos (A & B)

Budget for the workshop

S.No	Category	Amount in Rs	
1	Prize to active participants	3 x 500	= 1,500.00
2	Remuneration to resource person	4 x 600	= 2,400.00
2	Miscellaneous	1 x 1000	= 1,000.00
Total		Rs.4,900.00	

(Rupees Four Thousand Nine Hundred only)

It is requested that the above proposal for conducting Workshop on "Additive Manufacturing" may be approved and sum of Rs. 4,900.00/- (Rupees Four Thousand Nine Hundred only) may be sanctioned.

S. Pa ✓ 22/4/22
IRC Coordinator
(S. BRADRESH MOORTHY)

S. S. ✓
Co-Coordinator
(S. SURENDAR)

22/4/22
NISP Coordinator

22/4/2022
HOD - Mechanical Engineering
(Dr. K. Ramesh)



தமிழ்நாடு தமில்நாடு TAMILNADU

CF 612312

12.4.2021

Parimala Murugaveri. S
Cbe.

B. Meenakshi
B. MEENAKSHI
STAMP VENDOR
DISTRICT REGISTRAR OFFICE CAMPUS,
(PARTY SHED)
COIMBATORE TAMIL NADU,
K. Dis.No. 11759/BI/2016

Memorandum of Understanding (MoU)

Between

**Trident Pneumatics Pvt. Ltd and Government College of Technology,
Coimbatore**

This Memorandum of Understanding (MoU) is entered into **8th day of April 2021** by and between **TRIDENT Pneumatics Pvt. Ltd.**, incorporated in Coimbatore and having its headquarters at 5/232, KNG Pudur Road, Somayampalayam Coimbatore - 641 108. India. (hereinafter referred to as Trident) and , **Department of Mechanical Engineering ,Government College of Technology**, Thadagam Road. Coimbatore - 641013, was established in 1945 hereinafter referred to as "GCT".

For Trident Pneumatics Pvt. Ltd.

K.S. Natarajan

Managing Director
(K.S. NATARAJAN)

P. Thamarai
Dr.P.THAMARAI, Ph.D.
PRINCIPAL
Govt. College of Technology
Coimbatore - 641 013.

affected; then notwithstanding anything here before contained, the party affected shall be excused from its performance to the extent such performance relates to prevention, restriction, delay or interference and provided the party so affected used its best efforts to remove such cause of non-performances, and when removed the party shall continue performance with the utmost dispatch. Each of the parties agrees to give written notice to the other party upon becoming aware of an Event of Force Majeure, and mentioning details of the circumstances giving rise to the Event of Force Majeure.

27. **Indemnity:** Each of the parties shall defend, indemnify and hold the other party harmless from and against any claim, liability, loss, costs or expenses (including reasonable Attorney's fees) arising out of or resulting from the material breach of the provisions herein.

28. The headings and sub-headings are inserted for the convenience only and shall not affect the construction of this Agreement.

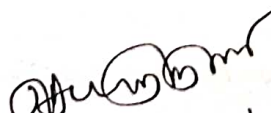
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K S Natarajan

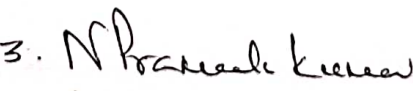
Managing Director
Trident Pneumatics Pvt Ltd.
5/232, KNG Pudur Road,
Somayampalayam P.O.
Coimbatore - 641 108. India.
Ph : +91 - 422 - 2400492 Extn: 223
natarajan_ks@tridentpneumatics.com


P. Thiruv
Principal,
Government College of Technology,
Thadagam Road,
Coimbatore - 641 013.
Ph: + 91- 0422 - 2432221
principal@gct.ac.in

Witness

1. 
(Parimala Munugaveli. S)
Ann. PHE

2. 
19/04/2021
VADIVEL
PHE

3. 
(N. PRAMEELA KUMARI)

4. 
(A.L. RAVI KUMAR)

भारतीय गैर न्यायिक

बीस रुपये

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भारत



INDIA

Rs.20

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RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமில்நாடு TAMIL NADU

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93AB 452535

The Principal

Z. Mary Evangelina
I. MARY EVANGELIN REBA
STAMP VENDOR

126-A, Ramalinga Colony,
M.T.P. Road, Coimbatore - 43
L No : 7333/B1/97F3

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MoU") is made on the 09th day of August 2021, by and between:

GREEN MICROELECTRONICS INDIA (P) LTD having its registered office at No.17, Thanthai Periyar Nagar, 2nd Street, Masakalipalayam, Sowripalayam Post, Coimbatore, Tamil Nadu, India, 641 028, India. (Hereinafter referred to as "GREEN MICRO"):

AND

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING and **DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING**, an organization of **GOVERNMENT COLLEGE OF TECHNOLOGY, COIMBATORE** with all modern facilities functioning at Coimbatore since 1945 and 1984 respectively located at Thadagam Road, Coimbatore -641 013. (Hereinafter referred to as "GCT"):

GREEN MICRO and **GCT** shall hereinafter be collectively referred to as "**Parties**" and individually as "**Party**".

WHEREAS

The parties have had a preliminary discussion in this matter and have ascertained areas of broad consensus. The Parties wish to co-operate with each other as per the terms and conditions enumerated in this MoU.

NOW THEREFORE THE PARTIES SET FORTH THEIR PRELIMINARY UNDERSTANDING AS FOLLOWS:

1. Scope

The scope of this MoU is to provide a framework of reference to build a strong relationship between **GREEN MICRO** and **GCT** in the field of automation. The primary goals are,

- a. To upskill students in the field of automation technologies.
- b. To work collaboratively to Explore, Innovate and Foster technical solutions in the automation domain.
- c. To create an environment that promotes and stimulates the spirit of entrepreneurship among the students of the college through mentorship and incubation programs.

2. Co-ordination

- 2.1 **GREEN MICRO** and **GCT** will establish a "Joint Working Group" for coordination. Both the Parties shall ensure that the Joint Working Group comprises of appropriate personnel to discuss and implement the measures mentioned in this MoU;
- 2.2 **GREEN MICRO** shall be represented by its management, along with designated members as and when necessary;
- 2.3 **GCT** shall be represented by the Principal with other designated members from **GCT** as and when necessary;
- 2.4 The Parties hereby acknowledge and agree that they shall take all reasonable steps to co-operate and ensure successful implementation of all measures mutually agreed to in the areas mentioned in this MoU.

3. Areas of Co-operation

a. Faculty Training

GREEN MICRO shall provide support to **GCT** to ensure that the faculty members are trained to teach the students the latest developments in automation technologies. **GREEN MICRO** shall organize Expert Lectures at **GCT** as agreed upon by the Parties, to support the delivery of the relevant subject.

b. Curriculum Review and Enhancements

GREEN MICRO shall, wherever feasible, support **GCT** concerning the framing of syllabi of certain courses and suggest necessary steps to enhance the technical skills of its students. Qualified and experienced technical personnel from **GREEN MICRO** could be nominated to the Board of Study in relevant areas.

c. Elective subject

GCT shall, wherever feasible and as agreed upon by the Parties, introduce an elective subject on automation in their curriculum. In this regard, **GREEN MICRO** shall provide its support concerning the framing of the syllabus and organizing/conducting lectures by its domain experts to share their expertise with the students and faculty of **GCT**.

d. Technical Presentation and Discussions

Wherever feasible and as agreed upon by the Parties, **GREEN MICRO** shall provide speakers to participate and deliver technical presentations and discussions on topics that would be relevant to technologies in **GREEN MICRO**.

e. Project Internship for students

GREEN MICRO shall explore the possibility of increased student and faculty interface by way of offering project internships for students, depending on its need for and availability of such projects in **GREEN MICRO**.

f. Support for Research Projects

GREEN MICRO shall, wherever feasible and as agreed by the Parties, technically supporting research project/s to **GCT** to be executed jointly or severally. The Business Incubation Centre at **GCT** will be developed jointly through Entrepreneurship Development Cell (EDC) for promoting Entrepreneurial activities among the students and allow them to transfer knowledge for mutual consent.

g. Industrial In-Plant Training

GREEN MICRO shall provide the Industrial In-plant training to students and faculty exposing them to the latest industrial automation technologies available.

h. GCT support for GREEN MICRO training

GCT shall provide support with its faculties and facilities for conducting training sessions for **GREEN MICRO** members on a case to case basis after review and discussion between the Parties.

i. Using GCT premises by GREEN MICRO

GREEN MICRO shall use the premises of **GCT** in its classrooms or auditorium for any of its recruitment events, or campus connects programs depending on the need and availability of the same. Decisions could be taken on a case to case basis after review and discussion between both parties.

j. Early campus recruitment slot for GREEN MICRO

GCT shall provide an early slot for **GREEN MICRO** to conduct its campus recruitment event and select eligible students for employment. Also shall provide a dream slot option for all students who are interested in working for **GREEN MICRO**.

4. **Terms and Termination**

4.1 This MoU shall come into effect from the **09th day of August 2021**, and shall remain in effect for twenty-four (24) months, unless terminated earlier by the Parties. Any amendment to this MoU, according to mutually agreed revisions of the terms, by the Parties, shall be in writing and signed by both the Parties.

4.2 Either Party shall have the right to terminate this MoU by giving thirty (30) days prior written notice to the other Party.

5. **Confidentiality**

5.1 Neither Party shall, without the prior written consent of the other Party disclose to any third party the contents of this MoU or any information obtained by either Party in performance of or in connection with this MoU. The Parties agree to take all reasonable measures to maintain the confidentiality of all such Confidential Information which in no event will be less than the measures it uses to maintain the confidentiality of its information of similar importance.

5.2 The obligations of confidentiality shall come into effect upon the signing of this MoU and shall survive even after the termination of this MoU.

6. **Property Rights**

Both Parties shall retain their respective rights to any equipment, methodologies, tools and technologies provided hereunder for this MOU. Both Parties will ensure that such equipment, methodologies, tools and technologies are used solely for the purpose set out in this MOU.

7. **Liability**

NEITHER PARTY SHALL BE LIABLE FOR ANY DIRECT, INDIRECT OR CONSEQUENTIAL LOSS, DAMAGE, COST OR EXPENSE OF ANY KIND WHATEVER AND HOWEVER CAUSED WHETHER ARISING UNDER STATUTE, CONTRACT AND TORT OR OTHERWISE THIS MOU

8. **Arbitration**

In the event of any dispute or differences arising at any time between the Parties hereto as to the construction, meaning or effect of this Agreement or any clause or thing contained herein or the rights, duties, liabilities and obligations of the Parties hereto or breach thereof, the parties shall in good faith endeavour to resolve the dispute by mutual discussion. In the event, the parties are unable to do so, the matter will be settled by arbitration subject to the provision of the Arbitration and Conciliation Act, 1996 and as amended from time to time. The Parties agree shall mutually endeavour to appoint a single arbitrator, within thirty (30) days upon being called upon to do so. In the event, the Parties fail to appoint a single arbitrator, by mutual agreement, each Party will appoint one arbitrator and the two arbitrators so appointed will appoint a third arbitrator to whom the dispute will be referred for resolution. The arbitration proceedings shall be in English and held in Coimbatore, Tamil Nadu, India and under the Arbitration and Conciliation Act 1996 and as amended from time to time.

a. Curriculum Review and Enhancements

GREEN MICRO shall, wherever feasible, support GCT concerning the framing of syllabi of certain courses and suggest necessary steps to enhance the technical

1. Governing Law and Jurisdiction

This MoU shall be governed by the laws of The Republic of India. Any dispute arising in connection therewith shall be submitted only to the Courts in Tamil Nadu, India.

2. Non Solicitation

GCT shall not directly or indirectly solicit, or cause to be solicited the employment of any employee of GREEN MICRO, who is involved in the performance of its obligations under this MoU.

3. Binding


3.1 This MoU shall be binding on the Parties.

3.2 The Parties hereby acknowledges that this MoU is confined to the general terms agreed between the Parties for mutual co-operation.


4. Entire Understanding

This MoU contains the entire understanding of the Parties concerning the subject matter addressed herein and supersede, replace and merge all prior understandings, promises, representations and agreements, whether written or oral, relating thereto.

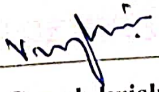
Agreed to:



Dr P. Thamarai
The Principal
Government College of Technology
Coimbatore - 641 013



Mr C. Doraiswamy
Managing Director
Green Microelectronics India (P) Ltd
Coimbatore - 641 028

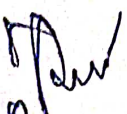


Dr V. Gopalakrishnan
The Head of the Department
Dept. of Electrical and Electronics Engg. &
Dept. of Electronics and Instrumentation Engg.
Government College of Technology
Coimbatore - 641013

Witness 1

Signature:


Name:


V. Prasad
Professor (EEE) (C&I)
MoU cell - EEE dept Coimbatore

Witness 2

Signature:

Name:


S. ANBU
AP/EIE
MoU cell Dept. Coimbatore