



3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the years 2022-23

LIST OF MOUs

Sl. No.	Name of the institution/ industry/ corporate house with which MoU is signed	Year of signing MoU	Duration	Page Number
1	AXIS Global Institute of Industrial Training	30-08-22	Lifetime	3
2	Chisquare Labs, Kochi	05-04-23	3 Years	6
3	Absolute Motion Pvt. Ltd	17-02-23	2 Years	8
4	Drona Aviation Pvt. Ltd.	22-02-23	2 Years	10
5	Unique World Robotics	13-02-23	2 Years	12
6	Base Interiors, Calicut	12-03-18	5 Years	14
7	Cube Associates, Trivandrum	12-06-18	5 Years	16
8	TILTEDU Pvt. Ltd.	07-09-23	2 Years	18
9	Chisquare Labs.	05-04-23	3 Years	22
10	Messegerify Labs	05-04-23	3 Years	24
11	Flying Web Solutions Pvt. Ltd.	05-04-23	3 Years	26
12	Triaxia Infotech Pvt.Ltd.	05-04-23	3 Years	28
13	Nintriva Technology Solutions	05-04-23	3 Years	30
14	CDAC(T)	15-02-22	1 Year	32
15	Kerala development innovation strategic council	25-11-21	3 Years	34
16	Sea Blue Shipyard Limited	25-01-20	5 Years	39
17	JM industries	25-01-20	5 Years	41
18	Alappat Medical System	25-01-20	5 Years	43
19	Keraleeya Ayurveda Samajam	30-07-18	Lifetime	45
20	CEDICOM Electronics	22-06-23	5 Years	47
21	JOS ALUKKAS	08-02-23	1 Year	51
22	K-DISC	06-06-22	1 Year	53
23	ADAM'S ENERGY	15-07-22	1 Year	60



Jyothi Engineering College

Reaccredited with **N&A&C** (Grade A) and **NBA** Programmes*

Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, 679531 | Ph. +91 4884 259000 | info@jecc.ac.in | www.jecc.ac.in



*NBA reaccredited BTech Programmes in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering valid till 2025

24	Jubilee mission medical college	27-03-21	10 Years	63
25	Keraleeya Ayurveda Samajam	27-01-21	5 Years	70
26	Tata technologies limited	01-09-20	3 Years	74
27	Pelita Bangsa University	25-11-20	3 Year	89
28	IndVentr (Sinergia Media Labs LLP)	05-10-20	3 Year	95
29	Christ Deemed to be University Bangalore	15-09-20	2 Years	102
30	Yuvakshetra College	12-08-20	5 Year	105
31	Jubilee Mission Medical College	17-03-18	10 Years	110
32	Jubilee Mission Medical College	20-11-15	10 Years	113
33	CRACOW University of Technology	25-01-23	5 Years	116
34	Unique World Robotics LLC	23-02-23	3 Years	123
35	CADD International	24-02-23	3 Years	130
36	M-Lights (Sinelab Technologies Pvt Ltd.)	25-01-20	10 Years	135
37	Sark Cables	25-01-20	10 Years	137
38	Resitech Electricals	12-02-20	5 Years	139
39	Hykon Technologies PVT Ltd.	06-02-20	10 Years	141



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DR 255946

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

DEPARTMENT OF ROBOTICS AND AUTOMATION,

JYOTHI ENGINEERING COLLEGE

AND

AXIS GLOBAL INSTITUTE OF INDUSTRIAL TRAINING

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 30th day of AUGUST 2022 by and between.

DEPARTMENT OF ROBOTICS AND AUTOMATION, JYOTHI ENGINEERING COLLEGE the First Party represented herein by its Head of the Department/ Principal / Director / Head of Institution **JYOTHI ENGINEERING COLLEGE** and **AXIS GLOBAL INSTITUTE OF INDUSTRIAL TRAINING** The Second party, and represented herein by its Centre Head / Director / Managing Director **EZHIL MARAN** A Director

[Signature]
HOD

[Signature]
PRINCIPAL

[Signature]
DIRECTOR

True Copy Attached

നമ്പർ10653

വില രൂപ ..100/-

ഏതാതെ ഉപയോഗിക്കുന്നതിനുള്ള കോപ്പി
ചെയ്യരുത്

നടക്കാരംബം 1-ാം നമ്പർ
വേണ്ടർ രാജു. പി. കെ.

[Signature]
Principal
Jyothi Engineering College
Cheruthuruthy - 679531
29.8.22

SUN TREASURY
11 9 AUG 2022

WHEREAS:

A) First Party is a Higher Educational Institution named **DEPARTMENT OF ROBOTICS AND AUTOMATION, JYOTHI ENGINEERING COLLEGE**

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement Assistance, Industrial Visit, Expert Lecture.

D) **AXIS GLOBAL INSTITUTE OF INDUSTRIAL TRAINING**, - the Second Party is engaged in Technical Value Addition Training in Robotics and Automation allied Courses Like PLC, SCADA, DCS, HMI, VFD, CONTROL PANEL WIRING & Servo as well as Robotics,

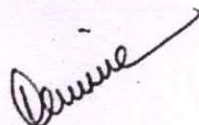
NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

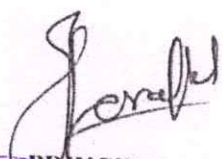
CLAUSE 1 CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2 SCOPE OF THE MoU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also, the Second party may register on the AICTE Internship Portal for the benefit of students.


HOD


PRINCIPAL


DIRECTOR



True Copy Attested


Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **DEPARTMENT OF ROBOTICS AND AUTOMATION, JYOTHI ENGINEERING COLLEGE**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

CLAUSE 3 VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

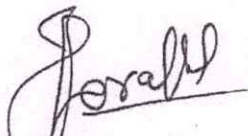
CLAUSE 4 RELATIONSHIP BETWEEN THE PARTIES

4.1 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

Second Party


HOD


PRINCIPAL


DIRECTOR




Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

True Copy Attested



കേരളം കേരल KERALA

EB 834818

Memorandum of Understanding (MOU)

This Memorandum of Understanding (MOU) is entered into on 5th April 2023 between the

Department of Artificial Intelligence & Data Science

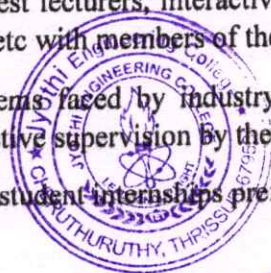
Jyothi Engineering College, Cheruthurthy, Thrissur

and

Chisquare Labs, Kochi

Now, the parties hereby agree to work jointly on the following activities for 3 years w.e.f 5th April 2023.

- 1) To identify and facilitate guest lecturers, interactive workshops, seminars, brain storming sessions, technical discussions etc with members of the industry at regular intervals
- 2) To identify technical problems faced by industry and converting them into final year projects for the students with active supervision by the faculty in charge.
- 3) To identify opportunities for student internships preferably during vacation time.



True Copy Attested

No. 40085
Value Rs. 100/-
Sold to.
N. Ramachandran
Stamp Vendor
Shorannur

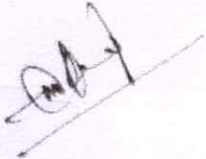
Jyothi Engineering College Cheruthurthy
130-3-23

Joseph

Dr. JOSE P. THEVAR
Principal
Jyothi Engineering
Cheruthurthy - 686502



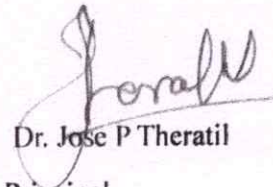
- 4) To conduct industrial training, orientation courses, industrial visits etc for faculty and students on regular intervals.
- 5) To facilitate professionals from industry to work as visiting faculty in institutions and short or long period deployment of faculty from institution to industry for gaining industrial experience and/or work on projects in industry.
- 6) To seek and associate experts from industry in curriculum development and review.
- 7) To encourage collaboration in research and education in areas of mutual interest.



Bineesh M

HOD, AD

Jyothi Engineering College



Dr. Jose P Theratil

Principal

Jyothi Engineering College



Dilip K Gopal

Chief Operating Officer

Chisquare Labs

True Copy Attested



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531





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DU 923147

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 17th day of February 2023 between the Department of Mechatronics



Jyothi Engineering College

Reaccredited with NAAC (Grade A) and MBI Programme
Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University
A CENTRE OF EXCELLENCE IN DESIGN TECHNOLOGY BY THE CATHAYAN SOCIETY OF ENGINEERS
JYOTHI ENGINEERING COLLEGE, CHERUTHURUTHY, PIN - 679531 | Ph. No. 4884 999771 | www.jyothi.ac.in

&



ABSOLUTE Motion Pvt. Ltd.

Absolute Motion Pvt. Ltd., Electronic Sadan No 1, C-44 Second Floor. Near Mahape Circle, Mahape, Navi Mumbai

Now, the parties here by agree to work jointly on the following activities for 2 years w.e.f. 17/02/2023

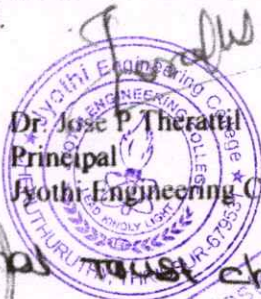
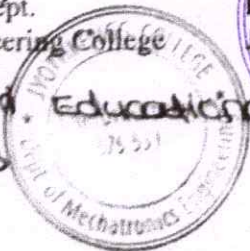
1. To identify and facilitate Guest lectures, Interactive Workshops, Conferences, Seminars, Brain Storming Sessions, Technical Discussions etc, with members of the Industry at regular interval.

No. 33078
Value Rs. 100
Sold to: Thaisan Educational Trust
11/11/23
N. Ramachandran
Stamp Vendor
Shorannur

Dr. Anoop Jose Chittilappilly
HOD, MR Dept.

Dr. Jose P. Therattil
Principal
Jyothi Engineering College

Er. Alister Rohan Savio DSilva
Director
Absolute Motion Pvt Ltd

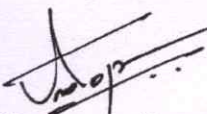


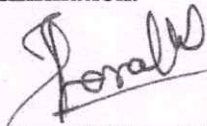
True Copy Attested

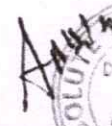
Jose P. Therattil
Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



2. To identify technical problems faced by Industry and converting them into final-year projects for the students with active supervision by the faculty in charge.
3. To identify opportunities for student Internships and Apprenticeships preferably during vacation time.
4. To conduct Industrial Training, Orientation courses, Industrial Visits etc, for Faculty at regular intervals.
5. To facilitate Professionals from industry to work as visiting Faculty in Institutions and short or long period deployment of faculty from Institution to Industry for gaining Industrial Experience and /or work on projects in Industry.
6. To seek and associate experts from Industry in Curriculum Development and Review.
7. To identify continuing Education Opportunities, Short Term Programs and Training needs of Industry, which the Institution can provide.
8. The timing and remuneration for the above programs will be based on mutual agreement, acceptance and confirmation.


Dr. Anoop Jose Chittilappilly
 HOD, MR Dept.
 Jyothi Engineering College

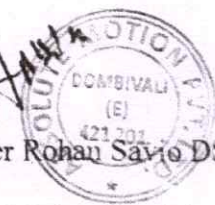

Dr. Jose P Therattil
 Principal
 Jyothi Engineering College


Er. Alister Rohan Sayo DSilva
 Director
 Absolute Motion Pvt Ltd



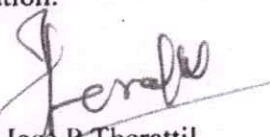

Dr. JOSE P THERATTIL
 Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531


True Copy Attached

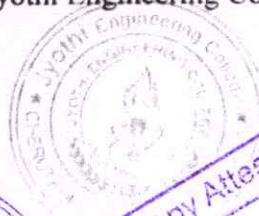


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6. To seek and associate experts from Industry in Curriculum Development and Review.
7. To identify continuing Education Opportunities, Short Term Programs and Training needs of Industry, which the Institution can provide.
8. The timing and remuneration for the above programs will be based on mutual agreement, acceptance and confirmation.


22/02/23
Dr. Anoop Jose Chittilappilly
HOD, MR Dept.
Jyothi Engineering College


Dr. Jose P Therattil
Principal
Jyothi Engineering College


Mr. Dinesh Sain
Co-Founder
Drona Aviation Pvt Ltd



True Copy Attested



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



കേരളം കേരल KERALA

DU 923146

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 13th day of February 2023 between the Department of Mechatronics



Jyothi Engineering College
 Reaccredited with N.A.C (Grade A) and NBA Programmes*

Approved by AICTE and Affiliated to API Abdul Kalam Technological University
 A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
 JYOTHI HILLS, VETTIKATHI P.O., CHERUTHURUTHY, TRICHUR - 679531 | TEL: +91 4864 259000 | 6795320200 | www.jec.ac.in

*NBA reaccredited B.Tech Programmes in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Mechanical and Electronics Engineering and Mechanical Engineering since 2020

&



Unique World Robotics, Ground Floor - Hamsah A Building, Near Burjuman Metro Exit 2, Dubai, UAE

Now, the parties here by agree to work jointly on the following activities for 2 years w.e.f. 13/02/2023

1. To identify and facilitate Guest lectures, Interactive Workshops, Conferences, Seminars, Brain Storming Sessions, Technical Discussions etc, with members of the Industry at regular interval.

Dr. Anoop Jose Chittilappilly
 HOD, MR Dept.

Dr. Jose P. Therattil
 Principal

Er. Bansan Thomas George
 Chief Executive Officer
 Unique World Robotics

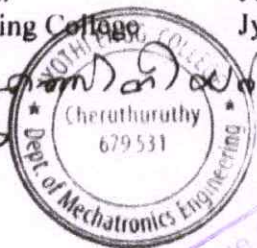
No. 33277

Value Rs. 100/-

Sold to.

Handwritten signature and date: 1.2.23

N. Ramachandran
 Stamp Vendor
 Sheranur



Handwritten signature of Er. Bansan Thomas George

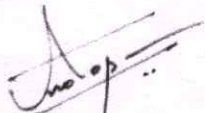


True Copy Attested

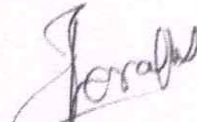
Handwritten signature of Dr. Jose P. Therattil

Dr. JOSE P. THERATTIL
 Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531

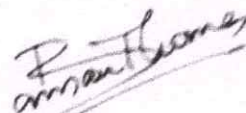
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3. To identify opportunities for student Internships and Apprenticeships preferably during vacation time.
4. To conduct Industrial Training, Orientation courses, Industrial Visits etc, for Faculty at regular intervals.
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6. To seek and associate experts from Industry in Curriculum Development and Review
7. To identify continuing Education Opportunities, Short Term Programs and Training needs of Industry, which the Institution can provide.
8. The timing and remuneration for the above programs will be based on mutual agreement, acceptance and confirmation.



Dr. Anoop Jose Chittilappilly
HOD, MR Dept.
Jyothi Engineering College



Dr. Jose P Therattil
Principal
Jyothi Engineering College



Er. Bansan Thomas George
Chief Executive Officer
Unique World Robotics



True Copy Attested




Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

MEMORANDUM OF UNDERSTANDING

Between

DEPARTMENT OF CIVIL ENGINEERING, JYOTHI ENGINEERING COLLEGE,
CHERUTHURUTHY

and

BASE INTERIORS, KOZHIKODE.

Background

JECC is a NAAC accredited institution with NBA accredited B.Tech programmes. The institution is highly committed to create technological leaders of tomorrow. This MoU is intended to create a platform through which the students get exposure to real life problems in the society and to work with experts in the domain so that they can develop their professional skills and confidence.

Purpose

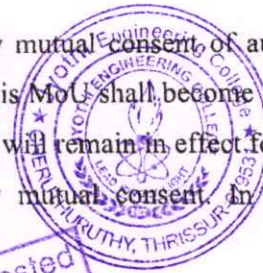
Within such fields as are mutually acceptable for the Parties, the following forms of co-operation, amongst others, may be pursued hereunder:

- Industrial Visit
- Internship for students a
- Any other mutually agreed activities in professional interest

Duration

This MoU is at-will and may be modified by mutual consent of authorized officials from JECC and BASE INTERIORS, Kozhikode. This MoU shall become effective upon signature by the authorized officials from the parties and will remain in effect for 5 years until modified or terminated by any one of the parties by mutual consent. In the absence of mutual

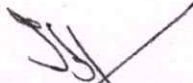
True Copy Attested



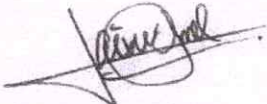

Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

agreement by the authorized officials from parties this MoU shall end on completion of 5 years.

Signed on behalf of JECC



HOD, Department of Civil Engg.



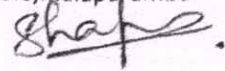
Principal, JECC

FRANCIS PAUL
Principal
Engineering College
Place: Cheruthuruthy 679531

Date: 12/3/18

Signed on behalf of

Baseinteriors, malaparamba



Base Interiors
2/1684c Pallikulangara
Karaparamba, Mob-9746779091

Place: Malaparamba

Date: 12.03.2018



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



CUBE ASSOCIATES

TC- 11/399(1)
Navodaya Gardens
Nalanchira P.O
Trivandrum-695 003
GSTIN 32AAHFC8313P1Z9
Mob: 9447016038
email:davidplan@gmail.com

MEMORANDUM OF UNDERSTANDING

Between

Department of Civil Engineering, Jyothi Engineering College, Cheruthuruthy

and

CUBE Associates, Trivandrum

1. Purpose

With the object of promoting their co-operation in academic education, professional advancement and research Jyothi Engineering College, Cheruthuruthy as first party and CUBE Associates, Trivandrum, as second party enter into the following Memorandum of Understanding ("MoU").

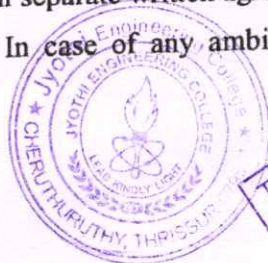
2. Forms of Co-operation

Within such fields as are mutually acceptable for the Parties, the following forms of co-operation, amongst others, may be pursued hereunder:

- Invited Talk
- Industrial Visit
- Internship for students
- Any other mutually agreed activities in professional interest

3. Specific Co-operation Projects

Specific co-operation projects, for instance within such fields as described in section 2 above, must be negotiated separately between the Parties and are in each specific case to be established in separate written agreements, stating the respective rights and obligations of the Parties. In case of any ambiguity or conflict of terms between the terms and



True Copy Attested

Joseph

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

conditions of this MoU and those of a separate agreement as mentioned above, the terms and conditions of such separate agreement shall prevail.

4. Liability

Except for loss or damages caused through gross negligence or intent, the Parties shall have no liability to each other hereunder.

5. Legal Relationship

This MoU shall be construed as a statement of purpose to promote a genuine and mutually beneficial collaboration between the Parties. Nothing in this MoU shall create any legal relationship between the Parties.

6. Commencement, Renewal, Termination

This MoU will be effective from the date of the last signature hereto and will remain in force for a time period of five (5) years, with a possibility for renewal at the end of the five year period, subject to the Parties' written agreement. Either Party may terminate this MoU by giving six (6) months' notice in writing to the other Party.

This MoU has been drawn up in two (2) original copies in the English language, each Party receiving one duly signed copy hereof .

Signed on behalf of JECC

HoD, Department of Civil Engg.

Principal, JECC

Fr. Dr. JAISON PAUL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Date: 12.06.2018

Signed on behalf of

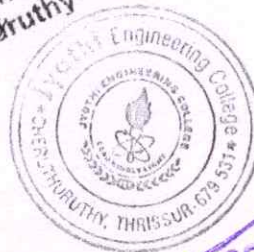
CUBE Associates, Trivandrum

For CUBE ASSOCIATES

Managing Partner

Place: Trivandrum

Date: 12.06.2018



True Copy Attested



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



കേരളം കേരल KERALA

DZ 036638

Memorandum of Understanding Between
TILTEDU Private Limited
and
Department of Computer Science & Engineering
Jyothi Engineering College, Thrissur
For training programs in Immersive & interactive technologies

This agreement is entered into on 7th September 2023 between TILTEDU Private Limited, having its registered office at Room No 2, KP 6/284 B D, sivanagar, Kazhakootam, Thiruvananthapuram 695582 (Hereinafter referred to as TILTEDU (1st party) which expression shall, unless repugnant to the context or meaning thereof, be deemed to include has their heirs, legal representatives, executors, administrators, successors, and assigns) of the 1st party.

And

Department of Computer Science & Engineering, Jyothi Engineering College, having its registered office at Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy, Thrissur, Kerala 679531 (Hereinafter referred to as 2nd party which expression shall, unless repugnant to the context or meaning thereof, be deemed to include has their heirs, legal representatives, executors, administrators, successors, and assigns) as the 2nd party.

lot: 1143
value Rs: 100
paid to:

J. Parnachandran
Name Vender
Signature

Jyothi Engineering College Cheruthuruthy
22.9.23



True Copy Attested

Jose P Thiruvalluvar
Dr. JOSE P THIRUVALLUVAR
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



- b) Provide necessary facilities for the effective functioning of this program, like space, high-speed internet, etc, if required.
- c) Facilitate participation of selected participants from the workshop for the internship training program.
- d) Allow TILTEDU to use Jyothi Engineering College's logo for education and institutional purposes.

4. Fee Collection :

- a) Jyothi Engineering College will provide the necessary assistance and support for collecting the course fees from the students participating in the training program. This implies that Jyothi Engineering College will assist TILTEDU in the collection process, ensuring that the fees are properly collected and managed.
- b) Jyothi Engineering College will not receive any share or commission towards the fees collected from the students.

- 5. **Tenure and Terminations:** This MOU will take effect from the date representatives of both parties sign it, and it will remain valid for two years and may be extended with mutual agreement. Either party may terminate the MOU by giving the other written notice 1 month in advance. In the event of termination, neither Jyothi Engineering College nor TILTEDU will be responsible for any financial or other losses that the other party may suffer. However, both parties will ensure that all ongoing and in-progress activities will be completed before termination.
- 6. **Arbitration Clause:** Should there be a dispute relating to any aspect of this cooperation, the Director of TILTEDU and the Principal of Jyothi Engineering College will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility. This MOU is signed subject to the approval of the respective academic and administrative bodies.
- 7. **Amendments:** This memorandum may be amended, at any time, by mutual consent by a written instrument signed by the representative of both parties and expressly stating that it is an amendment to this understanding.
- 8. **Intellectual Property Rights:** R&D and other project ownership, intellectual property rights of the projects will vest solely with the TILTEDU and associate clients. Jyothi Engineering College will not have any right or legal claim on the same.
- 9. **Breach:** If either party materially breaches any term of this MOU and does not cure the breach within thirty (30) days after receipt of notice specifying the breach, the other party may terminate the assignment as per the MOU upon thirty (30) days' further written notice.
- 10. **Confidentiality:** Both parties agree to keep all confidential information obtained through this MOU strictly confidential and not to disclose it to any third party without the prior written consent of the other party.
- 11. **Force Majeure:** Neither party shall be liable for any failure or delay in its performance due to circumstances beyond its reasonable control, provided that it notifies the other party as soon as practicable and uses its best efforts to resume performance.
- 12. **Entire Agreement:** This MOU constitutes the final, entire, and exclusive agreement between the parties with respect to their subject matter and supersedes all prior oral or written agreements in this regard.



True Copy Attested

Jose P
 Dr. JOSE P THERATTIL
 Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531

TILTEDU is a leader in immersive and interactive technology education, consisting of passionate educators, technologists, and learners dedicated to creating the best learning experience possible for our students. TILTEDU makes immersive and interactive technologies accessible and affordable to young talent, opening up new jobs and career opportunities in these fields. TILTEDU provides hands-on and practical learning, and our classes are designed to give students the opportunity to learn through hands-on and practical examples. We also use the latest teaching methods and deliver our classes in a hybrid format with online and in-person components. Our classes are delivered using gamification principles to keep students engaged and interested in learning. TILTEDU collaborates with educational institutions and nurtures the right talent for the industry from the ground up and has played a significant role in bringing the first AR/VR course to our region and there by training young minds in these concepts.

Jyothi Engineering College, is an engineering institute in the state of Kerala, India. It is managed under the aegis of Trichur Educational Trust, founded by the Catholic Archdiocese of Trichur, and is affiliated to A P J Abdul Kalam Technological University and All India Council for Technical Education, accredited by NBA & NACC.

Whereas the Jyothi Engineering College is interested in the training programs in Immersive & interactive technologies conducted by TILTEDU Private Limited and is willing to associate with TILTEDU Private Limited for these programs. Both parties jointly agree to work towards the goal, in line with the spirit of this Memorandum of Understanding (MOU), as listed in the following paragraphs.

1. **Field of cooperation: The goal of this collaboration is to:**
 - Create awareness and interest in immersive & interactive technologies and get students to opt for a diverse job in these technologies.
 - Enables students to learn and work on the latest and trending technologies while providing institutions with a means to generate revenue from education programs.
 - Foster and facilitate the advancement of knowledge and employability of the students.
 - To provide employment opportunities to suitable candidates in immersive & interactive technologies.
 - To provide exposure and industrial experience for the faculty on state-of-the-art technology and best practices in the domain.
2. **TILTEDU Private Limited Shall:**
 - a) Provide boot camps, gameathons, and add-on courses focused on AVGC-XR to the students, enabling students a more hands-on experience and practical knowledge.
 - b) Deliver the classes in a hybrid mode.
 - c) Provide the necessary gadgets for experiencing immersive and interactive technology, providing students access to Esports, virtual production, AR/VR, and web3 equipment.
 - d) Provide Internships with a nominal stipend for the students in immersive and interactive spaces of AR/VR, games, Metaverse, and WEB 3.0, and prepare the students for the real-world experience, and can offer the students with a certificate and a PPO (Pre-Placement offers) for the outstanding performers during internship time.
3. **Jyothi Engineering College shall:**
 - a) Extend all support for conducting the workshops, boot camps, gameathons and add-on courses at campus and facilitate the maximum participation from students, with genuine interest and aptitude in the domain, for the workshop.



Jose P
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

13. **Waiver:** No change, waiver, or discharge hereof shall be valid unless in writing and signed by the party against which it is sought to be enforced. No delay or omission by either party in exercising any right hereunder shall be construed as a waiver. A waiver by either of the parties of any provision or breach shall not be a waiver of any other provision or breach.
14. **Non-Solicitation of Employees:** Neither party shall, during and for one year after the termination of this Agreement or any extension thereof, solicit, offer, employ, or in any way encourage any employee, consultant, or agent of the other party who engages in this program covered by this Agreement to leave the other party to work for the soliciting, offering or encouraging party.
15. **Severability:** If any provision of this Agreement is held to be unenforceable, the remaining provisions shall be unaffected. Each provision of this Agreement, which provides for a limitation of liability, disclaimer of warranties, indemnification, or exclusion of remedies, is severable from and independent of any other provision. Further, in the event that any remedy hereunder is determined to have failed of its essential purpose, all limitations of liabilities and exclusions of damages shall remain in effect.
16. **Governing Law and Jurisdiction:** This Agreement shall be governed by the exclusive laws of the Republic of India. The courts at Thiruvananthapuram shall have exclusive jurisdiction on the matters arising from or in connection with this agreement without regard to the principles of conflicts of laws.
17. This MOU shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns. This MOU may be executed in counterparts and may be signed electronically.

The Parties:

Name of Company / Institution	TILTEDU Private Limited	Department of Computer Science & Engineering Jyothi Engineering College
Registered or Address	Room No 2, KP 6/284 B D, Thiruvathira, Kazhakootam, Thiruvananthapuram 695582	Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthy Thrissur, Kerala 679531
Signature:		
Name (PRINT)	Nikhil Chandran	Dr Saju P John , Dr Jose P Theratil
Title (PRINT)	CEO	HOD,CSE , PRINCIPAL
Date of Signature	<i>[Signature]</i> 7/01/23	<i>[Signature]</i> 07/09/23



True Copy Attached

[Signature]
Dr. JOSE P THERATIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



കേരളം കേരल KERALA

EB 834817

Memorandum of Understanding (MOU)

This Memorandum of Understanding (MOU) is entered into on 5th April 2023 between the
Department of Computer Science & Engineering
Jyothi Engineering College, Cheruthurthy, Thrissur
and
Chisquare Labs, Kochi

Now, the parties hereby agree to work jointly on the following activities for 3 years w.e.f 5th April 2023.

- 1) To identify and facilitate guest lecturers, interactive workshops, seminars, brain storming sessions, technical discussions etc with members of the industry at regular intervals
- 2) To identify technical problems faced by industry and converting them into final year projects for the students with active supervision by the faculty in charge.
- 3) To identify opportunities for student internships preferably during vacation time.

N. 40084
Value Rs: 100/-

Sold to: **Jyothi Engineering College Cheruthurthy**
150-3-23

N. Ramachandran
Stamp Vendor
Shorannur



True Copy Attested

Jose P

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthurthy - 679531



- 4) To conduct industrial training, orientation courses, industrial visits etc for faculty and students on regular intervals.
- 5) To facilitate professionals from industry to work as visiting faculty in institutions and short or long period deployment of faculty from institution to industry for gaining industrial experience and/or work on projects in industry.
- 6) To seek and associate experts from industry in curriculum development and review.
- 7) To encourage collaboration in research and education in areas of mutual interest.

Dr. Sajju P John

HOD, CSE

Jyothi Engineering College

Dr. Jose P Theratil

Principal

Jyothi Engineering College

Dilip K Gopal

Chief Operating Officer

Chisquare Labs

True Copy Attested

Dr. JOSE P THERATIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531





കേരളം കേരल KERALA

EB 834820

Memorandum of Understanding (MOU)

This Memorandum of Understanding (MOU) is entered into on 5th April 2023 between the

Department of Computer Science & Engineering

Jyothi Engineering College, Cheruthurthy, Thrissur

and

Messengerify Labs

Now, the parties hereby agree to work jointly on the following activities for 3 years w.e.f 5th April 2023.

- 1) To identify and facilitate guest lecturers, interactive workshops, seminars, brain storming sessions, technical discussions etc with members of the industry at regular intervals
- 2) To identify technical problems faced by industry and converting them into final year projects for the students with active supervision by the faculty in charge.
- 3) To identify opportunities for student internships preferably during vacation time.

No 40087

Value 100/-

Sold to

Jyothi Engineering College Cheruthurthy

30-3-23

N. Ramachandran
Stamp Vendor
Shorannur



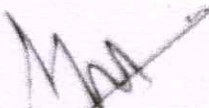
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Jose P

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthurthy - 679531

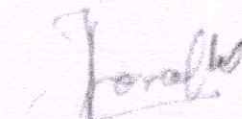


- 4) To conduct industrial training, orientation courses, industrial visits etc for faculty and students on regular intervals.
- 5) To facilitate professionals from industry to work as visiting faculty in institutions and short or long period deployment of faculty from institution to industry for gaining industrial experience and/or work on projects in industry.
- 6) To seek and associate experts from industry in curriculum development and review.
- 7) To encourage collaboration in research and education in areas of mutual interest.


Dr. Saju P John

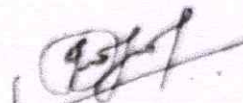
HOD, CSE

Jyothi Engineering College


Dr. Jose P Therattil

Principal

Jyothi Engineering College


Jovis Joseph

Founder

Messengerify Labs



True Copy Attested


Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



केरल KERALA

EB 834819

Memorandum of Understanding (MOU)

This Memorandum of Understanding (MOU) is entered into on 5th April 2023 between the

Department of Computer Science & Engineering

Jyothi Engineering College, Cheruthurthy, Thrissur

and

FlyingWeb Solutions Pvt. Ltd.

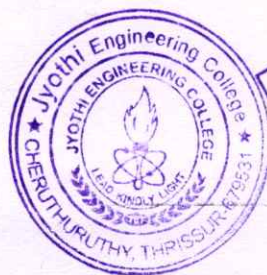
Now, the parties hereby agree to work jointly on the following activities for 3 years w.e.f 5th April 2023.

- 1) To identify and facilitate guest lecturers, interactive workshops, seminars, brain storming sessions, technical discussions etc with members of the industry at regular intervals
- 2) To identify technical problems faced by industry and converting them into final year projects for the students with active supervision by the faculty in charge.
- 3) To identify opportunities for student internships preferably during vacation time.

No: 40086
Value Rs: 100/-
Sold to:

N. Ramachandran
Stamp Vendor
Shorannur

Jyothi Engineering College Cheruthurthy
30-3-23



True Copy Attested

Jose P

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthurthy - 679531

27/3/23

4) To conduct industrial training, orientation courses, industrial visits etc for faculty and students on regular intervals.

5) To facilitate professionals from industry to work as visiting faculty in institutions and short or long period deployment of faculty from institution to industry for gaining industrial experience and/or work on projects in industry.

6) To seek and associate experts from industry in curriculum development and review.

7) To encourage collaboration in research and education in areas of mutual interest.



Dr. Saju P John

HOD, CSE

Jyothi Engineering College



Dr. Jose P Therattil

Principal

Jyothi Engineering College



Gijo Varghese

Founder

FlyingWeb Solutions Pvt. Ltd.

True Copy Attested



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531





കേരളം केरल KERALA

EB 834815

Memorandum of Understanding (MOU)

This Memorandum of Understanding (MOU) is entered into on 5th April 2023 between the

Department of Computer Science & Engineering

Jyothi Engineering College, Cheruthurthy, Thrissur

and

Triaxia Infotech Pvt. Ltd., Ernakulam

Now, the parties hereby agree to work jointly on the following activities for 3 years w.e.f 5th April 2023.

- 1) To identify and facilitate guest lecturers, interactive workshops, seminars, brain storming sessions, technical discussions etc with members of the industry at regular intervals
- 2) To identify technical problems faced by industry and converting them into final year projects for the students with active supervision by the faculty in charge.
- 3) To identify opportunities for student internships preferably during vacation time.

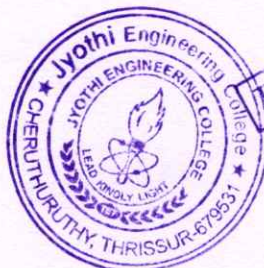
No 40082

Value Rs: 100/-

Sold to: Jyothi Engineering College Cheruthurthy

50.3.23

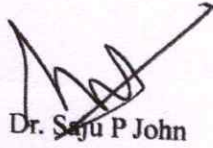
N. Ramachandran
Stamp Vendor
Shoranur



True Copy Attested

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthurthy - 679531

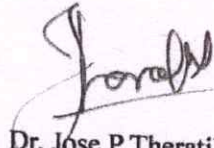
- 4) To conduct industrial training, orientation courses, industrial visits etc for faculty and students on regular intervals.
- 5) To facilitate professionals from industry to work as visiting faculty in institutions and short or long period deployment of faculty from institution to industry for gaining industrial experience and/or work on projects in industry.
- 6) To seek and associate experts from industry in curriculum development and review.
- 7) To encourage collaboration in research and education in areas of mutual interest.



Dr. Sajju P John

HOD, CSE

Jyothi Engineering College



Dr. Jose P Theratil

Principal

Jyothi Engineering College



Sanjo Simon

Managing Director

Triaxia Infotech Pvt. Ltd

True Copy Attested



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531





കേരളം കേരल KERALA

EB 834816

Memorandum of Understanding (MOU)

This Memorandum of Understanding (MOU) is entered into on 5th April 2023 between the

**Department of Computer Science & Engineering
Jyothi Engineering College, Cheruthurthy, Thrissur**
and

Nintriva Technology Solutions, Kakkanaad

Now, the parties hereby agree to work jointly on the following activities for 3 years w.e.f 5th April 2023.

- 1) To identify and facilitate guest lecturers, interactive workshops, seminars, brain storming sessions, technical discussions etc with members of the industry at regular intervals
- 2) To identify technical problems faced by industry and converting them into final year projects for the students with active supervision by the faculty in charge.
- 3) To identify opportunities for student internships preferably during vacation time.

No: 40083

Value Rs: 100/-

Sold to:

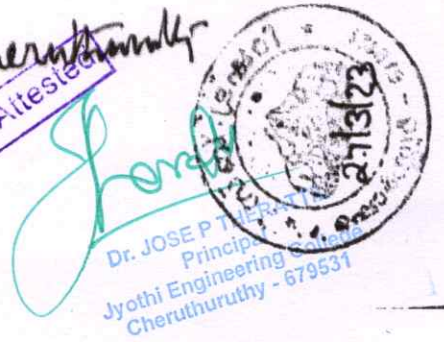
Jyothi Engineering college cheruthurthy

30-3-23

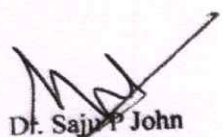
N. Ramachandran
Stamp Vendor
Shorannur

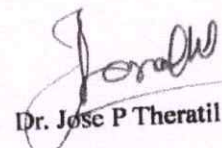



True Copy Attested



- 4) To conduct industrial training, orientation courses, industrial visits etc for faculty and students on regular intervals.
- 5) To facilitate professionals from industry to work as visiting faculty in institutions and short or long period deployment of faculty from institution to industry for gaining industrial experience and/or work on projects in industry.
- 6) To seek and associate experts from industry in curriculum development and review.
- 7) To encourage collaboration in research and education in areas of mutual interest.


Dr. Sajin P John
HOD, CSE
Jyothi Engineering College


Dr. Jose P Theratil
Principal
Jyothi Engineering College


Bimal S Parayil
Co-founder & CEO
Nintriva Technology Solutions




Dr. JOSE P THERATIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

भारतीय गैर न्यायिक

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केरल KERALA

CT 139915

MEMORANDUM OF UNDERSTANDING

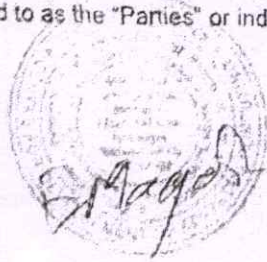
This memorandum of understanding is made and entered into on this 15th day of February 2021

Between

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING, VELLAYAMBALAM, THIRUVANANTHAPURAM - 695033 (formerly Electronics Research & Development Centre), a constituent Unit of C-DAC, a Scientific Society of the Ministry of Electronics and Information Technology (MeitY), Government of India, registered under the Societies Registration Act of 1860, having its registered office at Pune, (hereinafter referred to as "C-DAC(T)", which expression shall, unless it be repugnant to or inconsistent with subject or context thereof, include and be deemed to include their heirs, executors, successors or administrators and assigns) on the ONE PARTY

And

JYOTHI ENGINEERING COLLEGE, THRISSUR - 679531 hereinafter referred to as "JEC", which expression shall include and deemed to include their heirs, executors, successors or administrators and assigns, of the OTHER PARTY. Hereinafter collectively referred to as the "Parties" or individually as the "Party".



Handwritten signature

No : 38362

Value. Rs: 100/-

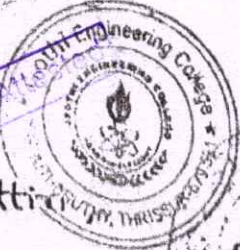
Sold to : Jyothy Engineering College, Vellikatti

Ramachandran Choudhury
Stamp Vendor
Thiruvananthapuram

15.2.2021



True Copy



Handwritten signature
8/2/21
Dr. JOSE P. THEKATIL
Principal
Jyothy Engineering College
Cheruthuruthy - 679531



കേരളം KERALA

CT 139914

A. Statement of Intentions

Whereas CDAC(T) is a Scientific Society under the Ministry of Electronics & Information Technology, Govt. of India, executing a number of projects directly for the Government and the Defense.

Whereas JEC is a premiere academic institute in the country with academic expertise in the field of VLSI & Embedded Systems and Computer Science at PG level. The institute also offers UG programmes in Electronics & Communication, Computer Science, Electrical & Electronics, Mechanical, & Civil Engineering.

Whereas JEC needs support from CDAC(T) in the following areas:

- (a) Expert lecture in embedded systems, VLSI Design, Signal Processing, Cyber Forensics, Information security & Power Electronics.
- (b) The invited talk, seminars, workshops in the field mentioned above(a)
- (c) Short term training & industrial visits for JEC staffs & students at CDAC(T) or JEC premises with prior notice.
- (d) Allowing final MTech/BTech students to do project work at CDAC premises/providing guidance to project work at JEC campus.
- (e) Guidance and support for executing projects undertaken by JEC.

38361

Due. Rs: 100/-

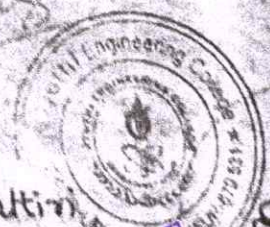
paid to: Jyothy Engineering

Ramachandran Cheruthuruthy

amp Vendor

Poranur

15.2.2021



True Copy Attestation

Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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- 2 -

DG 123351

TERMS OF UNDERSTANDING:

1. Background

K-DISC through its district arms the District Innovation Councils (DICs) have initiated the One District One Idea - MSME Innovation Clusters programme (ODOI). In Districts Core Groups consisting of General Manager Industries, District Mission Cordinators/Assistant Mission Cordinators in charge of Micro Enterprise Development and Startup Village Extension Programme, faculty members from the Commerce and Economics Departments in Arts and Science colleges, Mentors of K-DISC identified by Kerala Start Up Mission(KSUM), experts from Center for Management Development and MSME Development Institute, empaneled energy auditors from Energy Management Centre and Program Executives of K-DISC. As a part of this programme clusters have been short listed and the District Core Group has started collecting preliminary details of the cluster group.

(Contd....3)

2/12/21
 V. S. R. 100
 S. In
 N. Ramachandran
 Stamp Vendo:
 Shoranur

[Signature]
 Fr. ROY V.I.
 Secretary
 Thrissur Educational Trust
 Jyothi Hills, Vellikattil, Cheruthuruthy
 Thrissur - 679 531

True Copy Attested



Jyothi Eng
 Cheruthuruthy

Based on the attitudes and capabilities of the clusters a few clusters are likely to be short listed. These are likely to be allotted to academic institutions shortlisted under this EOI for action plan development and for development as innovation clusters.

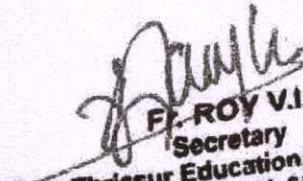
Jyothi Engineering College, Cheruthuruthy Like interest in MSME research and development of Innovation Cluster.

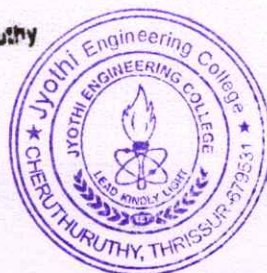
2. Objectives: -

The objective of the EOI/MOU is to seek professional support from academic institutions in Kerala for developing innovation action plans for MSME clusters.


3. Confidentiality: -

1. All information in whatever form or mode of communication, which is disclosed by a party(Disclosing Party - KDISC) to any other party Jyothi Engineering College, Cheruthuruthy in connection with this MoU during its implementation and which has been marked as "confidential" at the time of disclosure, or which the Recipient can reasonably be expected to regard as confidential information, is "Confidential Information", but Confidential Information does not include any information that is in the public domain other than as a result of breach of this Letter of Intent, is known to or has been developed by the Recipient independently of this Letter of Intent or is required to be disclosed pursuant to applicable law.
2. The Recipient hereby undertakes for a period of 3 years after termination of this MoU not to use Confidential Information otherwise than for the purpose for which it was disclosed, and not to disclose Confidential Information without the prior written consent of the Disclosing Party. Recipients shall be responsible for the fulfillment of the above obligations on the part of their employees or third parties to whom Confidential Information is disclosed.


F. ROY V.I.
Secretary
Thrikkur Educational Trust
Jyothi Hills, Vettikkattiri, Cheruthuruthy
Thrissur - 679 531



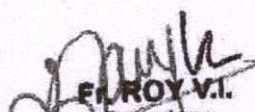
True Copy Attested


Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

(Contd.....4)

3. The confidentiality obligations above are legally binding.
4. **Terms of Engagement:** -The Institution shall undertake the following activities in the Cluster group allocated by K-DISC
- i) To continue the process of initial identification of the cluster and the initial consultations done by the core cluster groups.
 - ii) To re-assess the records of initial consultations done by the core groups to record the ODOI data sheet covering HR, structural and relational capital and addressing any gaps in understanding.
 - iii) To crystalize and improve upon the consultations undertaken by the District Core Group. On inspiring the clusters for innovation and pursuing consultations on sustain innovations.
 - iv) To undertake a diagnostic study of the cluster and identify areas of innovation of the cluster based on the inputs obtained from the Digital University.
 - v) To identify through consultation and propose a sustainable structure for action plan implementation.
 - vi) To develop the innovation action plan on the board contours outlined in Annexure 3 appropriately keeping in, mind the indicators for innovation.
 - vii) To help the cluster team submit the necessary documentation for the innovation challenge through ICT platform being developed by ICT Academy covering the documentation indicated in 6 above along with relevant cluster particulars.
 - viii) To help, guide and lead the cluster teams' presentations at the ODOI Innovation challenge and proactively interact with the evaluation team.
 - ix) Prepare a costing for the institutional support necessary for executing the implementation of Innovation Action Plan and submit the same to K-DISC.
 - x) To proactively interact with the district core group and District Innovation Council and Digital University for successful completion of the action plan preparation and its submission.

As per the costing provided in Annexure 3


F. ROY V.I.
Secretary
Thriessur Educational Trust
Jyothi Hills, Vettikkattiri, Cheruthuruthy
Thriessur - 679 531



True Copy Attested

(Contd.....5)


Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

5. Miscellaneous: -

- A. This MoU shall take effect as and when it has been signed by both parties and shall continue until definitive documents are signed with specific details as a revised MoU.
 - B. Any commitments made in this MoU are subject to each party's availability and approval of funds, delivery priorities and internal approval processes and procedures. Nothing in this MoU, in and of itself, obligates either party to expend appropriations or enter into any definitive document, contract, financial, legal or other obligation.
 - C. The administration and funding of each party's participation in the delivery of this MoU is the responsibility of each party.
 - D. No one other than a party to this Letter of Intent their successors and permitted assignees, shall have any right to enforce any of its terms.
 - E. With the exception of those sections specifically identified as legally binding, this MoU is not legally binding and does not create any right or benefit, substantive or procedural, enforceable by law or equity against either of the parties.
 - F. Amendment to the MoU shall be in writing and signed by both parties.
6. **Governing law and jurisdiction:** All disputes and differences arising between the parties shall be subject to the law for the time being in force and subject to the jurisdiction of courts in Kerala.

SIGNED FOR AND ON BEHALF OF:

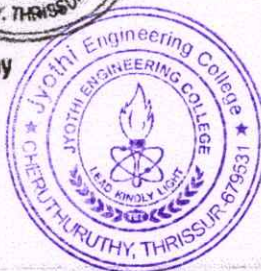
Jyothi Engineering College, Cheruthuruthy

Name: Fr. Roy V.I.

Position: Secretary & Executive Director

Date: 25 November 2021.

Secretary
Thrissur Educational Trust
Jyothi Hills, Vettikkattiri, Cheruthuruthy
Thrissur - 679 531



KDISC

Name:

Position:

True Copy Attested

Joseph

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



കേരളം കേരल KERALA

CN 612219

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 25th day of January 2020 between the

DEPARTMENT OF MECHANICAL ENGINEERING



Jyothi Engineering College
N.A.A.C Accredited College with NRI Accredited Programmes*

* Approved by AICTE & affiliated to API Abdul Kalam Technological University
 A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY IN THE CATHEDRAL ARCHDIOCESE OF TRICHUR
 JYOTHI HILLS, VETIKATHI P.O., CHERUTHURUTHY, TRISSUR, PIN-679531 PH +91-4884-259000, 274423 FAX 04884-274777
 NRI Accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NRI Accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022

&



Sea Blue Shipyard Ltd.

An ISO 9001:2008 Certified Company

YARD OFFICE, 1/212, VP Road, Azheekal P. O., Vypin, Kochi - 682510

Now, the parties hereby agree to work jointly on the following activities for 05 years w.e.f 25/01/2020

[Signature]
 Dr. Biju P.L.
 Professor & Head
 Department of ME, JECC

[Signature]
 Fr. (Dr.) Jaison Paul Mulerikal
 Principal
 Jyothi Engineering College

True Copy Airtight

[Signature]
 Managing Director,
 M/S Sea Blue Shipyard Ltd.

No Value. Rs: 100/-
 Sold to :
 N. Ramachandran
 Stamp Vendor
 Shornur

[Signature]
 Jyothi Engineering College
 23-1-2020

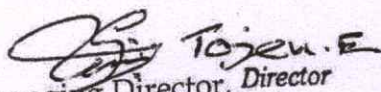
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 Jyothi Engineering College
 Cheruthuruthy

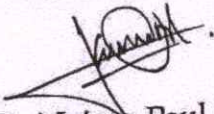
[Signature]
 Dr. JOSE P TH...
 Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531
 16/1/2020

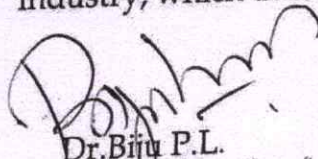
To identify and facilitate guest lectures, interactive workshops, conferences, seminars, brainstorming sessions, technical discussions with members of Industry at regular intervals.

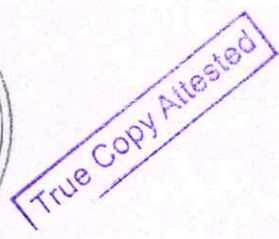
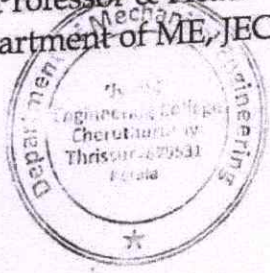
1. To identify Technical problems faced by Industry and converting them into final year projects for the students with active supervision by the Faculty in charge.
2. To identify opportunities for student Internships and Apprenticeships preferably during vacation time.
3. To conduct industrial training, orientation courses, industrial visits, etc. for faculty members and students at regular intervals.
4. To facilitate professionals from industry to work as a visiting faculty in institutions and short or long period deployment of faculty members from industry for gaining industrial experience and/or work on projects in industry.
5. To seek and associate experts from industry in curriculum development and review.
6. To identify continuing education opportunities, short term programs and training needs of industry, which the institution can provide.

For Sea Blue Shipyard Ltd.


Managing Director, Director
M/S Sea Blue Shipyard Ltd.


Fr. (Dr.) Jaison Paul Mulerikal
Principal
Jyothi Engineering College


Dr. Biju P.L.
Professor & Head
Department of ME, JECC




Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531





കേരളം കേരल KERALA

CN 612220

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 25th day of January 2020 between
the

DEPARTMENT OF MECHANICAL ENGINEERING



Jyothi Engineering College
NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRIVANDRUM
JYOTHI HILLS, VETIKATHIRI P.O. CHERUTHURUTHY, THIRISSUR. PIN-679531 PH: +91-4884-259000, 274423 FAX: +91-4884-274777

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic year 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic year 2019-2022.

&

J.M.INDUSTRIES

Near Ollur Church Ground P.O, Ollur, Thrissur Kerala, India - 680306

Now, the parties hereby agree to work jointly on the following activities for 05 years w.e.f 25/01/2020

Dr. Biju P.L.

Professor & Head

Department of ME, JECC

Fr. (Dr.) Jaison Paul Mulierkatt

Principal

Jyothi Engineering College

Jose Kattukaran

Managing Director,

J.M.Industries, Thrissur

Jyothi engineering college

cheruthuruthy

cheruthuruthy

23.1.2020

16/1/2020

True Copy Affidavit

Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

1. To identify and facilitate guest lectures, interactive workshops, conferences, seminars, brainstorming sessions, technical discussions with members of Industry at regular intervals.
2. To identify Technical problems faced by Industry and converting them into final year projects for the students with active supervision by the Faculty in charge.
3. To identify opportunities for student Internships and Apprenticeships preferably during vacation time.
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6. To seek and associate experts from industry in curriculum development and review.
7. To identify continuing education opportunities, short term programs and training needs of industry, which the institution can provide.

[Signature]
 Dr. Biju P.L.
 Professor & Head
 Department of ME, JECC
 Jyothi Engineering College
 Cheruthuruthy, Thrissur

[Signature]
 Fr. (Dr.) Jaison Paul Mulerikal
 Principal
 Jyothi Engineering College

[Signature]
 Jose Kattukaran
 Managing Director,
 J.M. Industries, Thrissur

J.M. INDUSTRIES
 NEAR CHURCH GROUND OLLUR
 KGST No: 25142541/01 16-4-97
 CST No: 32081438744 C
 TN No: 32081438744

True Copy Attested

[Signature]
 Dr. JOSE P THERATTIL
 Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531





കേരളം കേരल KERALA

CN 612221

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 25th day of January 2020 between
the

DEPARTMENT OF MECHANICAL ENGINEERING



Jyothi Engineering College
NAAC Accredited College with NEA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University
A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRIVANDRUM
JYOTHI HILLS, VETTIKATTI P.O. CHERUTHURUTHY, THRISSUR, PIN-679531 Ph: +91-4884-259000, 274423 FAX: +91-4884-274777
NBA accredited 8 Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic year 2016-2022. NBA accredited 8 Tech Programme in Civil Engineering valid for the academic year 2019-2022

&

ALAPATT MEDICAL SYSTEMS

Near IOC Petrol Bunk, VII/143-A, Nadathara, Thrissur - 680 751

Now, the parties hereby agree to work jointly on the following activities for 05 years w.e.f 25/01/2020

[Signature]
Dr. Biju P.L.
Professor & Head
Department of ME, JECC
Jyothi Engineering College
Cheruthuruthy
Thrissur
Kerala

[Signature]
Fr. (Dr.) Jaison Paul Mulerikal
Principal
Jyothi Engineering College

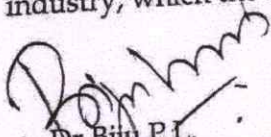
ALAPATT MEDICAL SYSTEMS
VII/143-A, Near Bye Pass Petrol Bunk
NADATHARA, THRISSUR - 680 751
TIN No: 32080526572 G
Managing Director,
Alapatt Medical Systems

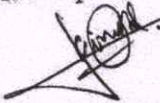
Jyothi Engineering college cheruthuruthy
23.1.2020

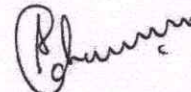
True Copy Alapatt

[Signature]
16/1/2020
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

1. To identify and facilitate guest lectures, interactive workshops, conferences, seminars, brainstorming sessions, technical discussions with members of Industry at regular intervals.
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4. To conduct industrial training, orientation courses, industrial visits, etc. for faculty members and students at regular intervals.
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6. To seek and associate experts from industry in curriculum development and review.
7. To identify continuing education opportunities, short term programs and training needs of industry, which the institution can provide.


 Dr. Biju P.L.
 Professor & Head
 Department of ME, JEEC
 Jyothi Engineering College
 Cheruthuruthy
 Thrissur - 679531
 Kerala



 Fr. (Dr.) Jaison Paul Mulerikal
 Principal
 Jyothi Engineering College


 Mr. Franco Antony
 Managing Director,
 Alapatt Medical Systems

ALAPATT MEDICAL SYSTEMS
 VII/143-A, Near Bye Pass Petrol Bunk
 NADATHARA, THRISSUR - 680 751
 TIN No:32080526572 C

True Copy Attested




 Dr. JOSE P THERATTIL
 Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531



Jyothi Engineering College

NAAC Accredited college with NBA Accredited programmes*

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR PIN - 679531 PH: +91-4884-259000, 274423 FAX : 04884-274777

MEMORANDUM OF UNDERSTANDING

between

Department of Mechanical Engineering,
Jyothi Engineering College, Cheruthuruthy, Thrissur

&

Keraleeya Ayurveda Samajam Hospital, Shoranur

This memorandum of understanding is made between Department of Mechanical Engineering, Jyothi Engineering College, Cheruthuruthy (hereinafter called JECC-ME), a department of self-financing educational institution approved by AICTE, Accredited by NACC & NBA and Keraleeya Ayurveda Samajam Hospital (hereinafter called KASH),

Keraleeya Ayurveda Samajam Hospital is engaged in the production of different kinds of Ayurvedic medicines and treatments under a registered body governed by the board of Directors as per the Kerala government rule. KASH is known as the first center for Ayurveda in the world.

JECC-ME is hereby involved in projects envisaged by KASH on 'Efficiency improvement of production plant and Automation of existing manually operating systems without compromising the Quality of Medicines and procedures'.

Objectives of the MoU.

The Objectives of the MoU are:

1. To get updated with real time processes existing in the KASH and to suggest appropriate methods for improvement.
2. To provide practical solutions to improve production and facilitate the production processes by mechanization.
3. To promote research/continuous education activities between JECC and KASH.

These are the terms of our agreement together:

True Copy Attested

Jose P Therattil

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

www.jecc.ac.in | E-mail : info@jecc.ac.in

NBA Accredited B. Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for Academic Years 2016-2017 to 2018-2019

1. Technical Areas of Collaboration

- a) Sharing expertise in the fields of Ayurveda Medicine manufacturing and environment studies. Based on this expertise sharing, JECC-ME to propose ideas/suggestions to mechanize the processes at KASH. The cost implications arise if any to implement the proposed suggestions have to be submitted to the KASH for prior approval.
- b) Provide academic interaction by KASH delivering special lectures.
- c) Provide consultancy works by JECC-ME on topics of relevance to modern systems of production/Manufacturing.

2. Proposed Mode of Collaboration

JECC-ME and KASH propose to collaborate through the following:

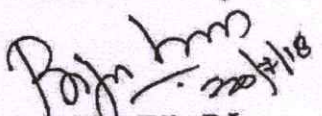
- a) Invited Talks.
- b) Backing up research activities, especially on 'Efficiency improvement and Automation of production Systems'.

3. Duration

This agreement will be effective from the date of signature by both parties and will be valid until otherwise decided. This MoU may be modified or terminated by the written mutual consent of both the parties after giving one month's notice in advance by any of the parties.

The undersigned agrees to the terms of this agreement on behalf of his or her organization.

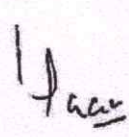
On behalf of JECC-ME (authorized signatures):


Prof. Dr. Biju P.L.
HOD, ME Dept., JECC
Date: 30-7-18



Fr. Dr. Jaison Paul Mulerikkal, CMI
Principal, JECC

On behalf of Keraleeya Ayurveda Samajam Hospital, Shoranur
(Authorized signature):


Shri. M. Muralidharan
President, KAS
Date: 3/8/18



True Copy Attested


Dr. Jose P. Therathil
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



കേരളം കേരल KERALA

EB 906534

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 22nd day of June 2023 between the
Department of Electronics and Communication Engineering



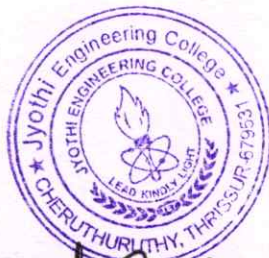
Jyothi Engineering College
Reaccredited with N A A C (Grade A) and NEET Programmes*

Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University
A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
JYOTHI HILLS VENTNATOR P.O. CHERUTHURUTHY, TRICHUR 679531 | Ph: +91 4884 239300 | www.jyothi.ac.in | www.jyothi.edu.in
*NBA Accredited B.Tech Programmes: Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering valid till 2024

&



Post Office Road, Shoranur, Palakkad (Dist), Kerala , India - 679 121.



No: 1231
Value Rs: 100/-
Sold to:
N.Pamashadral
Stamp Vender
Shorannur

Thirissur Educational Trust
19.4.23
Dr. Sindhu S
Hoo, ECE
Jyothi Engineering College

Principal
Cheruthuruthy

True Copy Attested

Dr. JOSE P THERATHIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Dr. JOSE P THERATHIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Purpose and Objectives:

- a. The purpose of this MOU is to outline the framework for collaboration between Jyothi Engineering College and Cedicom Electronics.
- b. The objectives of this collaboration include, but are not limited to:
 - Enhancing the educational experience of our students through industry exposure and practical training.
 - Facilitating knowledge exchange and research collaboration between our institution and your industry.
 - Promoting professional development opportunities for faculty and staff.
 - Identifying and addressing industry needs through joint projects, initiatives, and programs.

Scope of Collaboration:

- a. Jyothi Engineering College and Cedicom Electronics agree to explore and collaborate on initiatives such as:
 - Internship, Industrial Training and co-op programs for students and faculty.
 - Joint research and development projects.
 - Industry expert guest lectures, workshops, and seminars.
 - Curriculum development and review to align with industry requirements.
 - Sharing of resources, facilities, and equipment where feasible and mutually agreed upon.
 - Other mutually agreed-upon activities that contribute to the objectives of this collaboration.

Responsibilities of Each Party:

- a. Jyothi Engineering College agrees to:
 - Designate a liaison officer to coordinate activities and serve as the primary point of contact.
 - Facilitate student participation in industry programs and initiatives.



[Signature]
Dr. Sindhu.S
HOD, ECE
Jyothi Engineering College

[Signature]

True Copy Attested

Dr. JOSE P. K. KERALA
Principal
Jyothi Engineering College
Cherturuthy



- Encourage faculty engagement in joint research projects and knowledge sharing activities.
 - Provide necessary resources and support to ensure the successful implementation of collaborative activities.
- b. Cedicom Electronics agrees to:
- Designate a liaison officer to coordinate activities and serve as the primary point of contact.
 - Provide internship and co-op opportunities for qualified students.
 - Support research collaboration initiatives with expertise, resources, and access to industry-specific facilities.
 - Offer mentorship and professional development opportunities for faculty and staff.

Duration and Review:

- a. This MOU agreement shall come into effect on the date of signing and remain in force for a period of 5 years unless terminated earlier by mutual agreement or as per the termination clause outlined in this agreement.
- b. The collaboration outlined in this MOU will be subject to periodic review, at intervals mutually agreed upon, to assess progress, make necessary adjustments, and ensure the fulfillment of objectives.

Confidentiality and Intellectual Property:

- a. Both parties agree to respect the confidentiality of any proprietary or sensitive information shared during the collaboration. Any intellectual property resulting from joint initiatives shall be addressed through separate agreements as necessary.

[Signature]
 Dr. Sindhu S
 HOD, ECE
 Jyothi Engineering College



True Copy Attested

[Signature]



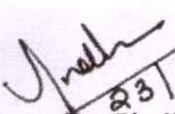
Dr. JOSE P THE
 Principal
 Jyothi Engineering
 Cheruthuruthy - 679531

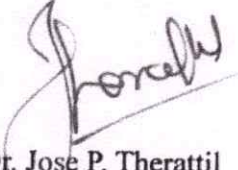
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Termination:

- a. Either party may terminate this agreement by providing written notice of one month in advance.
- b. In the event of termination, both parties shall make reasonable efforts to complete ongoing projects or initiatives and ensure a smooth transition.

This MOU agreement shall be considered legally binding upon the signature of both parties.


23/6/2023
Dr. Sindhu S
HOD, ECE Dept.
Jyothi Engineering College


Dr. Jose P. Therattil
Principal
Jyothi Engineering College


Managing Director
Cedicom Electronics



True Copy Attested



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



MEMORANDUM OF UNDERSTANDING

This agreement made and entered into at Jyothi Engineering College (JEC), Cheruthuruthy on this day 16th November, 2022 between Jyothi Engineering College, Cheruthuruthy, Thrissur, Kerala managed by the Archdiocese of Trichur, hereinafter referred to as 1st Party and M/s Jos Alukkas having corporate office at Aristo Rd, Fathima Nagar, East Fort, Thrissur, Kerala 680005 as the 2nd party to support the financially weak and unemployed youth in the society using the Corporate Social Responsibility (CSR) fund of the 2nd party. This proposed collaborative project will be an excellent platform to uphold philanthropic, ethical and economic responsibility of both the parties.

First Party, Jyothi Engineering College (JEC) started in 2002 is a state-of-the-art Engineering College emerged as a centre of excellence in technical education, approved by AICTE and affiliated to APJ Abdul Kalam Technological University. JECC is a NAAC Certified Institution with NBA accreditation for all eligible B.Tech programmes. 2nd party M/s Jos Alukkas one of the leading Jewellery group in South India, founded in the year 1964 is the first ISO 9001:2000 certified jewellery group in south India. It has possessed uncomparable reputation in the public and thereby dominated in the retail business of BIS certified 916 hallmarked gold in the five southern states in the country.

Objectives of MoU

1. To provide skill development training to the economically weaker sections of the unemployed people.
2. To provide hands on training for the diploma holders in Mechanical / automobile engineering in the area of maintenance, safety and service of automobile vehicles. The well designed curriculum set by the industry experts would enhance the employability of the candidates in reputed industries.
3. To impart the know-how of the working of the aero dynamic structures to the public by conducting exhibitions / tableau with the support of different government departments.
4. By the execution of the project, both faculty members and students of 1st party will be able to improve their technical capacity, which in turn ensure Programme Outcomes, specifically PO 4, 5, 6 & 9 of the under graduate students of multiple branches of the institution.

Terms and Conditions

1. 2nd Party will finally support 1st Party from their CSR fund by an amount of Rupees 2,50,000 with in 10 ten days from the execution of the agreement.

2. The payment shall be transferred to official account of the first party.

Name : Jyothi Engineering College

Account No. : 15250100001019

IFSC Code : FDRL0001699

Branch : Cheruthuruthy

PAN : AAATT6583F

TAN : CHNJ00332D

3. The 1st Party is liable to execute the project within three months duration from the execution of MoU..



True Copy Attested

Jyothi
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

4. Even though the institution as a whole (1st Party) is involved in the proposed project, primary responsibility for the accomplishment has been assigned to the Heads of both Mechanical Engineering Department and Mechatronics Engineering Department of JECC.

5. The total CSR fund that would be given by the 2nd party shall be utilized as per the following heads.

a. Design	20,000.
b. Training	75,000
c. Stationery	25,000
d. Components / parts	1,15,00
e. Travel	10,000
f. Contingency	5,000

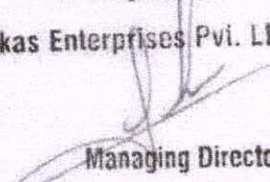
Total	2,50,000
-------	----------

6. In order to achieve excellent outcomes, 1st party allows 2nd party to hire third party's technical support at any point of the project and the expense related to it shall be spent from the grant as per the guidelines mentioned above.

7. 1st party, Jyothi Engineering College is responsible to incorporate proper measure to measure the outcome of the project and is liable to submit with audited Statement of Expense (SoE), within 30 days of the completion of the project.

8. During the three months allotted for the project, monthly review can arranged as per the convenience of both the parties.

For Alukkas Enterprises Pvi. Ltd.


Managing Director

Sri. A.J. John
Managing Director
Alukkas Enterprises (P) Ltd.
Thrissur- Kerala



Rev. Fr. Thomas Kakkassery
Executive Manager, Jyothi Engineering College

To Jose Kammampuzha
Director
Jyothi Engineering College



Jose
True Copy Attested
Dr. JOSE P. ALUKKAS
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



കേരളം കേരल KERALA

DE 566269

Agreement No. LCLINV/KDISC/JEC/2022/3

Memorandum of Understanding (MoU)

This MoU is executed on 6th day of June 2022 at Thiruvananthapuram by and between

Kerala Development and Innovation Strategic Council (K-DISC), under the Planning and Economic Affairs (Development & Innovation) Department, Government of Kerala having its registered office at India Heights, Govt. Women's College Road, Vazhuthacaud, Thycaud PO, Thiruvananthapuram represented by its Member Secretary, hereinafter referred to as "K-DISC" (which expression shall unless excluded by or repugnant to the subject or context be deemed to include its successors and assigns) as FIRST PARTY.

DocuSigned by:

DocuSigned by:



(Cont'd...2)

Umasri K...

B52EC94A4A83468...

Prasanna K...
EXECUTIVE MANAGER



No: 5851
Value Rs: 100/-

Sold to:

Executive Manager Jyothis Engineering College
Cheruthuruthy 6/6/22

V. Ramachandran
Stamp Vendor
Shree...



J...
Dr. JOSE P THE...
Principal
Jyothis Engineering College
Cheruthuruthy - 679531
Copy Attested



കേരളം കേരल KERALA

AND

DE 566270

Jyothi Engineering College (JEC) having its campus at Jyothi Hills, Panjal Road, Vettikattiri, Cheruthuruthy, Thrissur, Kerala 679531 represented by its Executive Manager, hereinafter referred to as JEC, (which expression shall unless excluded by or repugnant to the subject or context be deemed to include its successors and assigns) as SECOND PARTY

Preamble

WHEREAS K-DISC as part of its Local Innovation Programme to promote innovations in the State has explored the possibility of extracting biofuel from water hyacinth a process developed recently by the innovator Shri. Vishal Prasad Gupta, Jharkhand.

AND WHEREAS Jyothi Engineering College (JEC) has submitted a proposal on "Studies on the characteristics of Eichhornia crassipes as a source for biofuel" seeking financial support for the preliminary laboratory study for the biofuel project under the Local Innovation programme.

DocuSigned by:

J. Momen Kabbasany
EXECUTIVE MANAGER

Jyothi Engineering College
Cheruthuruthy, Thrissur



No: 5852

Value Rs: 100/-

Sent to:

Executive manager Jyothi Engineering College
cheruthuruthy 6/6/22

N. Ramachandran
Stamp Vendor
Shorannur



DocuSigned by:

Vishal Prasad Gupta



(Cont'd...3)

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Jorell
Dr. JOSE P TH
Principal
Jyothi Engineering
Cheruthuruthy

True Copy Attested

Objectives of the Study

The objectives of the study are as follows:

- To study the characteristics of biomass from water hyacinth.
- To assess the possibility of biofuel production from water hyacinth biomass (WHB)
- To estimate the lipid productivity of WHB

Time Frame of the Study

Phase	Period	Works to be completed
Phase I (20 April to 7 June 2022)	Three weeks (from 20 April- 7 May 2022)	Collection of samples (Local) and preliminary studies
	Three weeks (From 8 May - 31 May 2022)	Estimation of different parameters
	One week (1 June-7 June 2022)	Preparation of interim report
Phase II (8 June to 31 August 2022)	Two months (8 June - 7 Aug 2022)	Investigation of biofuel production by different routes
	Three weeks (8 Aug - 31 Aug 2022)	Preparation of Final report

Budget

The budget requirements of Phase I and Phase II is as follows:

Sl. No.	Items	Phase I Budget in Rs.	Phase II Budget in Rs
1	Manpower Research Fellow (MSc Chemistry) (2no.s) Rs. 750/day for 45 days in Phase I Rs. 750/day for 70 days in phase II	67,500/-	1,05,000/-

DocuSigned by:

Thomas Kalhennay
EXECUTIVE MANAGER
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531



DocuSigned by:
Umasikha
B52E094A4A83468...

True Copy Attested
Jonika
Dr. J. J. JERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

2	Chemicals (For basic chemical analyses)	18,000/-	25,000/-
3	Essential research materials/ instruments	15,000/-	15,000/-
4	Analytical charges	20,000/-	20,000/-
5	Labour charges 10 Man days @ Rs. 750 per day for Phase I 20 Man days @ Rs. 750 per day for Phase II	7,500/-	15,000/-
6	Transportation/ vehicle hire	6,000/-	10,000/-
7	Travelling allowance	6,000/-	10,000/-
	Total	1,40,000/-	2,00,000/-

Expected Outcome of the Study

- Characteristics of water hyacinth as a candidate for biofuel production will be assessed
- Possible routes for biofuel production from Water Hyacinth Biomass (WHB) will be suggested.
- The possibility of biodiesel production from WHB will be made known

Milestones of Payment

Payment to be released/ Instalment	Condition	Amount in Rs.
First Instalment (Fund for Phase I)	Upon Signing the Agreement	1,40,000
Second Instalment (Fund for Phase II)	After submitting the utilization statement and an interim report of Phase I to K-DISC	2,00,000

Tenure of Agreement

This agreement shall be valid for a period of 4 months from the date of signing of this MoU.

St Thomas Kabbaniy
EXECUTIVE MANAGER
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531



DocuSigned by:

Umasrikrishna

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Copy Attested

Jyothi
Principals
Jyothi Engineering College
Cheruthuruthy - 679531

Confidentiality

- a. All information in whatever form or mode of communication, which is disclosed by a party to any other party in connection with this MoU during its implementation and which has been marked as "confidential" at the time of disclosure, or which the Recipient can reasonably be expected to regard as confidential information, is "Confidential Information", but Confidential Information does not include any information that is in the public domain other than as a result of breach of this MoU, is known to or has been developed by the Recipient independently of this MoU or is required to be disclosed pursuant to applicable law.
- b. The Recipient hereby undertakes for a period of 1 month, after termination of this MoU not to use Confidential Information otherwise than for the purpose for which it was disclosed, and not to disclose Confidential Information without the prior written consent of the Disclosing Party. Recipients shall be responsible for the fulfillment of the above obligations on the part of their employees or third parties to whom Confidential Information is disclosed.
- c. The confidentiality obligations above are legally binding.

Termination

Contract shall be terminated by either party after giving a notice of 30 days in writing, if either party violates the terms of contract, or if the parties feel that no useful purpose would be served in further continuing it, either due to change in circumstances or with some unexpected changes taking place in the constituting parties, or without assigning any reason.

Amendments

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

Assignment

It is understood by the Parties herein this AGREEMENT is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.

M. Thomas Kabbasam
EXECUTIVE MANAGER
 Jyothi Engineering College
 Cheruthuruthy, Thrissur - 679 531



DocuSigned by:
Umasik
DocuSigned
 B52EC94A4A83468...
True Copy Attested!

Jyothi
Dr. Jyothi
Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531

The terms of agreement under this assignment must be complied by JEC from the date of agreement. In case the Second Party is not able to comply with the assignment/ requirement in time as per the terms of agreement, K-DISC shall notify JEC of such non-compliance in writing (emails permitted), and if JEC is unable to remedy such non-compliance within 15 days of the notification to K-DISC, JEC will be liable to refund payments released to them for such deliverable or service not rendered to K- DISC.

Failure to comply with terms and conditions of agreement shall be sufficient ground for cancellation of the agreement without being liable for paying pro rata compensation to JEC corresponding to the defaulted submission of deliverable or service by JEC.

Force Majeure

The parties shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under this Agreement is the result of an event of Force Majeure.

Jurisdiction

All disputes and differences arising between the parties shall be subject to the law for the time being in force and subject to the jurisdiction of courts in Trivandrum.

Miscellaneous

- a. This MoU shall take effect as and when it has been signed by both parties and shall continue until definitive documents are signed with specific details as a revised MoU.
- b. Any commitments made in this MoU are subject to each party's availability and approval of funds, delivery priorities and internal approval processes and procedures. Nothing in this MoU, in and of itself, obligates either party to expend appropriations or enter into any definitive document, contract, financial, legal or other obligation.
- c. The administration and funding of each party's participation in the delivery of this MoU is the responsibility of each party.
- d. No one other than a party to this MoU their successors and permitted assignees, shall have any right to enforce any of its terms.

DocuSigned by:

J. Thomas Kalhassery
EXECUTIVE MANAGER
 Jyothi Engineering College
 Cheruthuruthy, Thrissur - 679 531




DocuSigned by:
[Signature]
 B52EC94A4A83468...
 Copy Attested

J. J. J.
 Dr. J. J. J. Pringle
 Jyothi Engineering College
 Cheruthuruthy - 679531

e. With the exception of those sections specifically identified as legally binding, this MoU is not legally binding and does not create any right or benefit, substantive or procedural, enforceable by law or equity against either of the parties.

In WITNESS WHEREOF, the parties hereto have executed this AGREEMENT on 6th day of June 2022.

For and on behalf of K-DISC DocuSigned by:

DocuSigned by:
Umasrikrishnan PV
Dr. P. B52E69447682468


Designation: Member Secretary

For and on behalf of JEC

J. Thomas Kakkassery
Name : Fr. Thomas Kakkassery
EXECUTIVE MANAGER
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531
Designation: Executive Manager


Date: 06.06.2022

Date: 06.06.2022

Witness DocuSigned by:

Witness
Akhil A B
1. E6F34C675F4F491...
Akhil A B,
Programme Executive,
Kerala Development and
Innovation Strategic Council

Witness

Shaji James P.
1. Dr. Shaji James P.,
Associate Director,
Integrated Industrial Incubation Centre,
Jyothi Engineering College,
Cheruthuruthy, Thrissur.

DocuSigned by:

Athira V
2. B624657FEE844A1...
Athira V,
Programme Executive,
Kerala Development and
Innovation Strategic Council

V.M. Xaviour
2. Dr. V.M. Xaviour,
Registrar
Jyothi Engineering College,
Cheruthuruthy, Thrissur.



True Copy Attested



Joseph Thekkumkara
Dr. Joseph Thekkumkara
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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CE 126969

Memorandum of Association - PROJECT: ADAM'S ENERGY

Jyothi Engineering College, Cheruthuruthy, affiliated to APJ Abdul Kalam Kerala Technological University (KTU), herein after referred to as party 1 (represented by its Principal or whoever is authorized to represent the college by the Principal), and Mr. George Adambukulam, S/o A.A Antony, age 66, Adambukulam house, Marion Villa, Padua Nagar, Ammadam P.O, Thrissur-680563, henceforth referred to as party 2, have discussed the possibility of working together on a project of scientific discovery leading to the development of technology and benefit to humanity, under the following terms and conditions.

M. M. K. Kalliasney

SECRETARY
THRISSUR EDUCATIONAL TRUST

[Handwritten Signature]



True Copy Attested

നമ്പർ 1142
വില 50/-

Thri. Edu. Trust Educational

വടക്കാഞ്ചേരി 1-ാം നമ്പർ
വേണ്ടർ രാമു. പി. കെ.

SUB TREASURY
[Handwritten Signature]



കേരളം കേരള KERALA

CE 126970

PARTY 1

1. Shall facilitate the conduct of an experiment as proposed by and under the guidance of Mr. George with the assistance of the Department of Mechanical Engineering, with the involvement of under graduate students of Mechanical Engineering, in the college campus;
2. Shall systematically document the processes, progress and the findings evolving out of the experiments;
3. Shall try to publish the findings in quality journals giving due acknowledgement and recognition for the idea and intellectual property rights of party 2, and
4. Shall facilitate the registration for patent of the idea and product (if any) sparing its expertise in the field.

2 Thomas Kalliasmy

[Handwritten signature]

SECRETARY
THRISSUR EDUCATIONAL TRUST



True Copy Attested

നമ്പർ ... 1143
വില ... 50/-

വാടകാഞ്ചേരി 1-ാം നമ്പർ
വേണ്ടർ രാജു. പി. കെ.

Jose P T
Dr. JOSE P T
Principal
Jyothi Engineering College
Cheruthuruthy - 610551

... Educational

PARTY 2

1. Shall help the faculty and students of party 1, assigned by the Principal, to conduct the experiment;
2. Shall have the full ownership of the idea, which will be made as a note in the beginning, and kept in safe custody for registration for patent;
3. Shall bear or share the expenditure involved in the registration for the patent idea and of the product (if any) and
4. Shall bear/share the expenditure involved in the research after assessing the extent of amount involved.

Both party 1 and party 2 shall arrive at gentlemen's understanding and as per the ethical norms prevailing in the field of scientific research, regarding the proprietary rights of new ideas or products that would evolve through the course of the experiment and collaboration.

This agreement shall be in effect from 15-07-2022 and till 15-07-2023 unless further renewed.

Signed by

L. Momen Kaddesary

Party 1

[Signature]

Party 2

Witness

Vidya

Witness

[Signature]



True Copy Attested

[Signature]

Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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CW 138852

FIRST AMENDMENT TO MEMORANDUM OF UNDERSTANDING

Amongst

Jubilee Mission Medical College & Research Institute
and

Jyothi Engineering College, Cheruthuruthy

Date: 27-03-2021

This agreement is made between Jubilee Mission Medical College & Research Institute (hereinafter called JMMCRI) and Jyothi Engineering College, Cheruthuruthy (hereinafter called JECC) referring to the Memorandums of Understanding between JMMCRI and JECC on 17 March, 2018. The two parties of this agreement wish to collaborate with the research activities in healthcare that can be carried out together.

Statement of Initiative: The purpose of this initiative is to extend a medical and engineering collaboration between JMMCRI and JECC. This extended activity of our current agreement will enhance the beneficiary experience to serve individuals in research collaborations related to healthcare activities.

Objectives:

1. The amendment is entered for the purpose of promoting the institutional goal of both parties and to enhance potential academic, cultural, and staff exchange.
2. The amendment shall not be constructed as creating any legal and financial liabilities between parties but as a statement of intent to foster the possibility of genuine and mutually beneficial collaboration.

Fr. Roy Joseph Vadakkan
Fr. Roy Joseph Vadakkan
Secretary & Asst. Manager
Jyothi Engineering College

Fr. Francis Pallikunnel
Fr. Francis Pallikunnel - 5, Kerala
Director
Jubilee Mission Medical College
& Research Institute



No. 45205
Value. Rs: 100/-
Sulu to: *Prinissur Education Trust*
Prinissur Education Trust
Cheruthuruthy - 679 531

True Copy Attested

Dr. Jose V. P.
Dr. Jose V. P.
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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CT 139913

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is made and entered into on this 15th day of February 2021

Between

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING, VELLAYAMBALAM, THIRUVANANTHAPURAM – 695033 (formerly Electronics Research & Development Centre), a constituent Unit of C-DAC, a Scientific Society of the Ministry of Electronics and Information Technology (MeitY), Government of India, registered under the Societies Registration Act of 1860, having its registered office at Pune, (hereinafter referred to as "C-DAC(T)", which expression shall, unless it be repugnant to or inconsistent with subject or context thereof, include and be deemed to include their heirs, executors, successors or administrators and assigns) on the **ONE PARTY**

And

JYOTHI ENGINEERING COLLEGE, THRISSUR – 679531 hereinafter referred to as "JEC", which expression shall include and deemed to include their heirs, executors, successors or administrators and assigns, of the **OTHER PARTY**. Hereinafter collectively referred to as the "Parties" or individually as the "Party".

Signature

Signature

Signature

True Copy Attested

Signature

Dr. J. Joseph
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

No Value. Rs. said to

38360
100/-
Jyothi

Engineering College, Veltikatti



കേരളം KERALA

CT 139912

A. Statement of Intentions

Whereas CDAC(T) is a Scientific Society under the Ministry of Electronics & Information Technology, Govt. of India, executing a number of projects directly for the Government and the Defense.

Whereas JEC is a premiere academic institute in the country with academic expertise in the field of VLSI & Embedded Systems and Computer Science at PG level. The institute also offers UG programmes in Electronics & Communication, Computer Science, Electrical & Electronics, Mechanical, & Civil Engineering.

Whereas JEC needs support from CDAC(T) in the following areas:

- (a) Expert lecture in embedded systems, VLSI Design, Signal Processing, Cyber Forensics, Information security & Power Electronics.
- (b) The invited talk, seminars, workshops in the field mentioned above(a)
- (c) Short term training & industrial visits for JEC staffs & students at CDAC(T) or JEC premises with prior notice.
- (d) Allowing final MTech/BTech students to do project work at CDAC premises/providing guidance to project work at JEC campus.
- (e) Guidance and support for executing projects undertaken by JEC.



No. 38359
Value. Rs. 100/-
Sold to

Tunthu Engineering College Vellikattin

Dr. JOSEPH K. KATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

- (f) Undertaking collaborative projects from other agencies and executing them.

Through this MoU, CDAC(T) and JEC agrees the terms and conditions given herein after.

B. Terms and Conditions

1. Scope of Work

CDAC (T) is currently executing a number of R&D projects under various project heads in its development center at Trivandrum.

CDAC(T) has expertise in numerous areas of Electronics, Communication, Computer Science etc. In the field of Embedded Systems, Power Electronics, Signal Processing, Cyber forensic, Information security etc. CDAC(T) develops and delivers a number of projects.

CDAC(T) can support JEC for the modules detailed below:

Module 1: Expert lecture: Experts from CDAC(T) can deliver expert lecture in the areas of Embedded Systems, Signal Processing, Cyber Forensics, VLSI Design, Power Electronics, Information Security etc. as mentioned in part(a) of Section A or related fields to suit the requirements of BTech/MTech programmes being run at JEC.

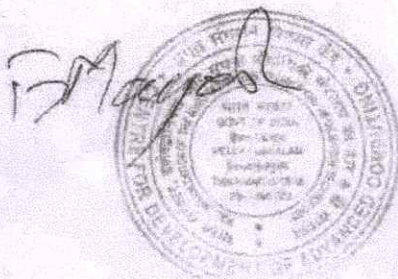
Module 2: Invited Talk: JEC will require various invited talks for conducting seminars, workshops in the academic year from time to time. CDAC(T) will be able to provide staff for delivering the lectures in various areas particularly mentioned in Part(a) of Section A at JEC premises.

Module 3: Staff and Student Training, Industrial Visits: JEC will require state of the art technology updation and skill improvement in various fields particularly in the areas mentioned in part A of Section A. CDAC(T) will permit identified and selected faculty and students from JEC to undergo short term training & industrial visits at CDAC(T) premises. The training and industrial visits will give JEC an exposure on latest trends in concerned field and its application.

Module 4: Sharing R & D projects: CDAC(T) runs a number of large projects for the government, defense, etc. CDAC(T) can consider collaborative projects which can be executed at JEC Labs/CDAC(T) facility.

2. Type of Agreement

This is an umbrella agreement covering all the modules 1 to 4 noted above. Specific agreements with terms and conditions of the same can be made as per the requirements through MoU.



True Copy Attested

SEP THERATIL
Principal
Engineering College
Cheruthuruthy - 675531

3. Responsibility

CDAC will provide support for Module 1 to 4. CDAC will charge fees for project work and other trainings on a concessional rate after discussion with JEC from time-to-time. For the expert lecture and invited talks the expenditure will be borne by JEC.

JEC will provide coordinating work for attaining module 1 to 4. JEC will ensure that at least two batch of students will be sent to CDAC for projects and industrial training.

4. Consultancy /module charges

The related consultancy/module charges will be as per the specific agreement of the modules agreed upon.

4.1. Project Review

In the case of projects, a module review committee constituted (members mentioned below) by CDAC(T) and JEC will review the progress of the modules at specified intervals (once in 3 months).

JEC

1. Prof Dr. Vinith R, Head of CSE Department.
2. Dr. Aswathy S U, Professor, CSE Contact Person as per this MoU.
3. Project Guide allotted (if any)

CDAC(T)

1. Group Head / Section Head (of concerned project)
2. Senior Designer / Engineer
3. Project Guide (Manager in charge) of the team

4.2. Contact persons from each side

- There will be a contact person of appropriate designation from CDAC (T).
- There will be a contact person from JEC also at least at the level of an Assistant Professor.

4.3. Project Schedule

The project schedule will be decided by CDAC (T) and JEC based on the modules.

4.4. Budget

The budget for the module / project will be as per the specific agreement of the particular modules concerned.

4.5. Payment

The payment will be as per the terms mentioned in the specific agreement of the specific or particular module(s) (including the applicable / respective taxes).



5. Intellectual Property

All prior information, design & data existing with either party before the start of this (free existing IP) shall be the sole property of that party. All intellectual property including design information, designs & data generated through the project shall be held jointly by CDAC(T) & JEC. Any commercial utilization of the IPR will be discussed and mutually agreed upon between CDAC(T) & JEC before being executed.

6. Validity

Validity of the contract is for 12 months from the date of signing of this MoU. This will be reviewed for renewal at the expiry of the contract.

7. Arbitrations

In the event of dispute or difference of any nature whatsoever between the parties during the course of performance of respective obligations arising out of this agreement, the parties agreed to refer the matter to the Heads of the Institution resolve the disputes keeping in view the best interest of the parties and in keeping with the spirit of performance of this agreement.

If the matter still remains unresolved, then the same may be referred to International Centre for Alternative Dispute Resolution (ICADR) for arbitration in the event of dispute instead of going to the courts directly.

8. Jurisdiction

The parties to this agreement hereby declare that in case any dispute is to be resolved by resort of arbitration, the seat of the Arbitrator shall be within the territorial limits of the district Court, Thiruvananthapuram.

9. Severability

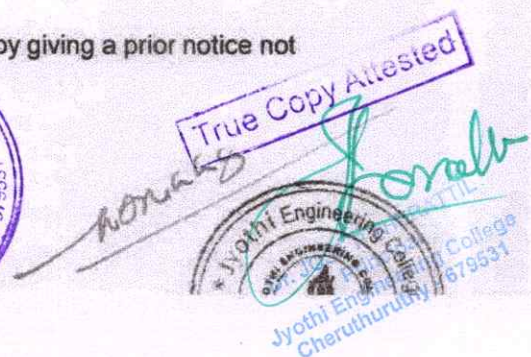
If any part of this Agreement is found by a court of competent jurisdiction or other competent authority to be invalid, unlawful or unenforceable, then such part will be severed from the remainder of this Agreement which will continue to be valid and enforceable to the fullest extent permitted by law.

10. Force Majeure

Neither party shall be liable to the other for any delay or failure on their part in performing any of their obligation under this agreement, resulting from any cause beyond their control including, but not limited to strikes, fires, floods, earthquakes, explosions, riots, acts of God, acts of Government, war, enemy action or political changes, epidemic or pandemic.

11. Termination

Both the parties have the right to terminate the agreement by giving a prior notice not less than 3 month.



12. Communication

Any notice, request, demand, approval, concern or other communication provided or permitted here under shall be writing and given by personal delivery or sent by registered post or by ordinary mail, postage, prepaid or by fax address to the party for which it is intended at its following address

- Contact Person: 1. Balan C, Associate Director, CDAC (T)
2. Dr. Aswathy S U, Professor, CSE, JEC

In acceptance to the above, we here with append our signatures below on this the 15th day of February 2021.

For and on behalf of CDAC(T)

For and on behalf of JEC

श्री. मगेश / E. MAGESH
कार्यालयिक निदेशक / Executive Director
प्रगत संगणन विकास केंद्र / Centre for Development of Advanced Computing
वेल्लयंबलम / Vellayambalam
तिरुवनन्तपुरम / Thiruvananthapuram - 695 024

Name **E. Magesh**
Designation **Executive Director,
C-DAC(T)**
Place **Thiruvananthapuram**
Date **15/02/2021**

Name **Dr. Sunny Joseph
Kalayathankal**
Designation **Principal
Jyothi Engineering
College, Thrissur**
Place **Thiruvananthapuram**
Date **15/02/2021**

Witnesses:

Witnesses:

Name **Balan C**
Designation **Associate Director,
C-DAC (T)**

Name **Dr. Vinith R**
Designation **Professor & HoD,
Dept. of Computer Science
Jyothi Engineering
College, Thrissur**

Name **Hiron Bose**
Designation: **Scientist E,
CDAC (T)**

Name **Dr. Aswathy S U**
Designation **Professor,
Dept. of Computer Science
Jyothi Engineering
College, thrissur**



True Copy Attested

Jose P Thilakkal
Dr. JOSE P THILAKKAL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



കേരളം കേരल KERALA

CU 640411

**Memorandum of Understanding (MoU) for Academic and Research Cooperation
Between
Institute Innovation Council (IIC) and Jyothi Centre for Research &
Development (JCRD), Jyothi Engineering College, Cheruthuruthy
&
Keraleeya Ayurveda Samajam Hospital (KASH), Shornur**

Preamble

Jyothi Engineering College, Cheruthuruthy (JECC) started in 2002 and managed by the Archdiocese of Trichur is a state-of-the-art Engineering College, conforming to international standards. The college is emerging as a centre of excellence in technical education, approved by AICTE and affiliated to APJ Abdul Kalam Technological University. JECC is a NAAC Certified Institution with NBA accreditation for all eligible B.Tech programmes.

Keraleeya Ayurveda Samajam Hospital (KASH) established in the year 1902 is one of the leading ayurvedic treatment and medicine manufacturing centre located on the banks of river Nila at Shornur.



(Contd...2)
For Keraleeya Ayurveda Samajam Hospital
True Copy Attested

Jonah
Dr. JOSE P. TRICHERY
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

NO 30057
Value. Rs: 100/-
Date: / /

President



കേരളം കേരल KERALA

CU 640412

-2-

Jyothi Engineering College with highly competent faculty members having rich research experience from the premium institutions of the country like IISc, IIT's, NIT's etc. occupies a high position among the engineering colleges in the state with high academic results and research output. Their expertise in the domains comprising Mechanical, Electrical, Electronics, Data Science and Robotics can contribute a lot to the enhancement of the productivity of KASH in terms of quality and quantity. The Institute Innovation Council (IIC) launched by Ministry of Education (MoE) encourages industrial consultancy and act as a bridge between academic institutions and industries. IIC unit of Jyothi Engineering College, Cheruthuruthy can provide technological support such as System Analysis, Design and Execution of state-of-the-art facilities both in the areas of material handling and process control.

Objectives of MoU

1. To analyse the existing medicine manufacturing unit at Shornur and to prepare the technical report for the productivity enhancement and quality improvement of KASH, Shornur.
2. To prepare the proposal with detailed drawings and specifications to meet the challenges observed in the above objective.

NO
Value. Rs: 100/-
Sold to : _____



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Dr. JOSE
15-1-21
Principal
Jyothi Engineering College
Cheruthuruthy - 679515

3. To prepare the action plan comprising financial aspects and time line based on the conditions set by the management representatives from Jyothi Engineering College and KASH.
4. To observe the performance of the implemented system and rectify the flaws if any, with suitable modifications.
5. To improve the technical capacity of the faculty members and equip students to meet the demands of the industry.

Technical Areas of Collaboration

1. To introduce automation in possible stages of the manufacturing process without compromising the quality of the products.
2. To introduce scientific methods in process control and testing activities.
3. To identify and implement the state-of-the-art facilities without incurring heavy financial commitment in a short period.
4. To introduce students of Jyothi Engineering College to the real manufacturing environment and ignite their technical knowledge to solve the real problems in the industry.
5. To bridge the gap between academia and industry and enhance the employability of the graduates from Jyothi Engineering College.

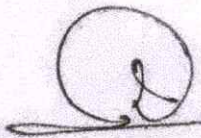
Proposed Mode of Collaboration

IIC & JCRD, Jyothi Engineering College, Cheruthuruthy and Keraleeya Ayurveda Samajam Hospital (KASH) propose collaboration in the following domains.

1. Along with the guidance of faculty members, students of related branches of Jyothi Engineering College shall undertake industrial visit to KASH.
2. As per the technical requirements identified by KASH, the expert team of Jyothi Engineering College will do detailed analysis and provide the action plan.

Under the responsibility of expert team either using technical facilities available in institute or with the help of hired services, implementation of the proposal will be carried out in stipulated time line and the corresponding hiring charges being borne by KASH.

JECC and Keraleeya Ayurveda Samajam Hospital (KASH) agree that detailed terms and conditions that guide each activity identified above, if required, will be separately agreed upon by the two institutions by signing the agreement for each activity. These terms shall include a description of proposed activity and financial arrangements.



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For Keraleeya Ayurveda Samajam

Dr. JOSE P. THEERAN
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Each Party will ensure appropriate protection of Intellectual Property Rights generated from cooperation pursuant to MoU, consistent with their respective laws, rules and regulations and international agreements to which both parties are committed. JECC shall be the sole owner of any intellectual property (including but not limited to expertise, patents, copyrights, design rights, rights relating to computer software, data, and any other industrial or intellectual property rights) developed during the course of the MoU. Further, the Parties shall not assign any rights and obligations arising out of the IPR generated from inventions/activities carried out under the MoU to any third Party without consent of the other party.

Each institution shall appoint one member of its teaching/research faculty to coordinate the programme on its behalf. The coordinator, thus appointed, will periodically review and identify ways to strengthen cooperation between the two institutions.

The agreement will be effective from the date of signing the MoU by both the parties and will be valid until otherwise decided. Either institution may terminate the MoU by giving written notice to the other institution three months in advance. Once terminated, neither JECC nor Keraleeya Ayurveda Samajam Hospital (KASH) will be responsible for any losses, financial or otherwise, which the other institutions may incur. However, JECC and Keraleeya Ayurveda Samajam Hospital (KASH) will ensure that all activities in progress are allowed to complete successfully.

Should there be a dispute relating to any aspect of academic and research cooperation, Secretary & Campus Head, JECC and President, Keraleeya Ayurveda Samajam Hospital (KASH) will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility.

This MoU is signed on27.01.2021.....subject to approval of the respective academic/administrative bodies.

On behalf of Jyothi Engineering College
(Authorized Signatory)



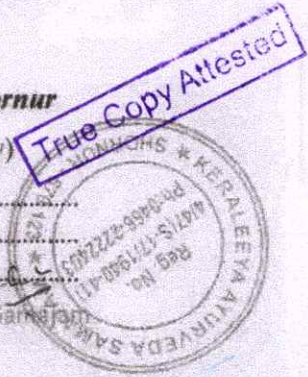
FR. Dr. Jose Kannampuzha
Date: 27/01/2021



On behalf of KASH, Shornur
(Authorized Signatory)



Date: 27/01/2021



President
Jose Thekattil
Dr. JOSE THEKATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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MEMORANDUM OF UNDERSTANDING

This **MEMORANDUM OF UNDERSTANDING** ("MOU") is entered into this Tuesday 1st September 2020 ("Effective Date")

BETWEEN

Jyothi Engineering College, Jyothi Hills, Vettikkattiri, Cheruthuruthi, Kerala herein after referred to as ("JECC Kerala")

...PARTY OF THE FIRST PART

AND

TATA TECHNOLOGIES LIMITED, a company incorporated under the Laws of India, (hereinafter referred to as "**Tata Technologies**") which expression shall, unless the context otherwise requires, includes its successors in business and permitted assigns),

...PARTY OF THE SECOND PART

	PARTY OF THE FIRST PART	PARTY OF THE SECOND PART
Party	Jyothi Engineering College	Tata Technologies Limited
Located in	Jyothi Hills, Vettikkattiri, Cheruthuruthi, Kerala	25, Rajiv Gandhi InfoTech Park, Phase 1, Hinjewadi, Pune – 411057
Website	www.jecc.ac.in	www.tatatechnologies.com
Represented by	Rev. Msgr. Thomas Kakkassery, Manager, Jyothi Engineering College	Anand Bhade President- APAC

Thomas Kakkassery



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Jose P Therattil

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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

For the purposes of this transaction between the JECC Kerala and Tata Technologies Limited, this MOU is synonymously referred to as "Agreement" and the "Work Order" to TATA Technologies to follow within 3 working days of MOU Signing.

For the purposes of this MOU between the JECC Kerala and Tata Technologies Limited, the "Integrated Industrial Incubation Center" an Industrial Experiential Learning & Development center is also referred to as the "IIIC".

Executive Summary of this MOU

Tata Technologies IIIC is a one-stop center providing Integrated industrial training on technical and skill development in collaboration with the JECC Kerala, to communities close to where they live as part of a comprehensive strategy to better their lives.

The plan outlines the way forward for continued sustainability and improvement of center, as well as the extension of this skill development network for Kerala.

This agreement between Tata Technologies and the JECC Kerala will enable efficient, effective, integrated and sustainable service delivery in the implementation of the IIIC

WHEREAS

- a. The JECC Kerala is desirous of partnering with Tata Technologies to setup IIIC.
- b. Tata Technologies is the enablement partner to the JECC Kerala which is the infrastructure and investment partner for IIIC to be jointly established in JECC Kerala (hereinafter referred to as "Project")

Objectives of the MOU:

- a. Qualitative improvements in technical education
- b. To create IIIC infrastructure and learning environment for training resources, to cater to the increasing industry needs globally.
- c. To provide ready local pool of engineers, operators, technicians and skilled resources required by the industries in the field of manufacturing sector.
- d. To increase the employability of the population of Kerala.
- e. Provide high end industrial training to increase chances of good quality jobs.
- f. Support to upgrade course curriculum to modern industrial practices as necessary
- g. Enhance the reputation of technical institutions as modern and state of art technologies
- h. Help innovators to develop new products
- i. Promote technology start-ups

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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

The above objectives will be met through:

- a. Establishing an IIIC, with latest manufacturing technology tools and equipment which is widely used in the industries
- b. The learning methodology will include classroom and lab sessions, online videos, e-learning, assessments and joint certifications at the IIIC.

NOW, THE PARTIES TO THIS MOU HEREBY AGREES AS FOLLOWS:

1. TERM:

The MOU shall commence on the Effective Date after the MOU is signed by both the parties. The MOU will be valid for 36 months from the date of signing the MOU.

2. ROLE OF TATA TECHNOLOGIES

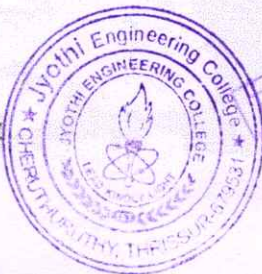
- a. Establish the Industry Academia interface in JECC Kerala in the form of the IIIC.
- b. Provide and arrange hardware, Technology Tools, Equipment & Machinery with required configuration needed for running the technology solutions in the IIIC as agreed in the proposal (BoM as per annexure attached with this document)
- c. Handover for daily operations after Installation and Setup completion and provide assistance for maintenance and up-gradation of technology solution.

3. ROLE OF THE JECC

It is agreed between the Parties that JECC Kerala shall provide the following support services to Tata Technologies for the successful implementation of the said Project:

- a. Provides the fully built-up ready to use space and other infrastructure facilities for setting up of IIIC.
- b. Provides all required support for successful implementation of the IIIC
- c. JECC will do the following
 - i. Provide required Electricity with Power Back Up (UPS and Generator Set up) to run the IIIC.
 - ii. Electrical and Network wiring for all the Equipment, machinery with internet connectivity for IIIC as needed. Range of fixed IP address list as per requirement.
 - iii. Ground or Basement with Trimix flooring with RCC / PCC plinth, minimum 8" thick to sustain load up to 8 tons / sq. m.

Dr. Jose P Therattil



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Dr. Jose P Therattil

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679551

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- iv. General Utilities like Drinking Water, Washrooms, fire safety system as per university/Institute norms.

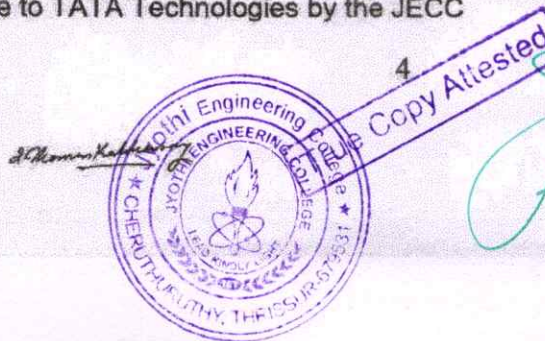
4. INTENDED OUTCOMES OF THE IIIC

- a. Improved skills of students leading to employment & entrepreneurship
- b. Technical curriculum more updated and aligned to current and near future industry requirements
- c. Workshop for all nearby Colleges/students at the IIIC and for nearby MSMEs
- d. IIIC to focus on training students in line with latest industry needs and make them employable

5. UNDERSTANDINGS REACHED AND AGREED BETWEEN THE TATA TECHNOLOGIES AND JECC KERALA

The TATA Technologies and JECC have agreed as under:

- a. The premises/center infrastructure mentioned under this MOU shall be provided to Tata Technologies by the JECC Kerala, devoid of encumbrances for an initial period of 36 months from the date of signing this MOU. This MOU shall be renewed for such further time as may be required for implementation of the IIIC.
- b. As the above mentioned premises/center infrastructure needs to be furnished and provided by the JECC, an understanding has been reached between the JECC and Tata Technologies that for the purposes of fulfillment of the IIIC, JECC shall bear the expenses to get the premises readily available, renovated and furnished based on the assurances that (i) the JECC shall ensure that the occupation and use of the premises by the IIIC shall be assured for a minimum period of 36 months (ii) any permissions/approvals required in this regard from any government/municipal authority shall be obtained by the JECC.
- c. Tata Technologies will provide the technology set-up and promote technical education in the field of Engineering and Design and various enterprise solutions.
- d. Tata Technologies will also extend reasonable placement assistance and necessary guidance to appropriate students, registered with the IIIC.
- e. Tata Technologies will proceed and commence with the above-mentioned engagements after the fully built up ready to use space/premises with required infrastructure is made available to TATA Technologies by the JECC



Jose P Therattil
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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- f. Project Time Line: The setup of IIC should be completed within the 4 to 6 months from the date of handing over the ready to use infrastructure by JECC.

6. CONSIDERATIONS

- a. The Parties have ascertained that the total cost of setting up IIC at JECC is Rs.25,50,00,000/- (Rupees Twenty-Five Crore and fifty lacs Only) which is exclusive of taxes.
- b. It is agreed that JECC will pay an amount of Rs. 2,55,00,000/- plus taxes (Rupees Two Crore Fifty-five lakhs only) to Tata Technologies as a consideration for the implementation of IIC.
- c. Payment Terms: - 100% advance at the time of MOU Signing.

7. CONFIDENTIALITY:

- 7.1 Each party shall hold all the information strictly confidential, whether comes to the knowledge of such party through a written document or in oral form. "Confidential information" shall mean any/all information that would ordinarily and without breach of any legal obligation, not be known to any person who is not having any relationship with the party concerned or any proprietary information of Parties, whether of a technical nature or any other sensitive information, thus all inventions, disclosures, processes, ideas, systems, methods, formulae, devices, intellectual properties, instruments, know how, improvements, materials, products, patterns, compilations, data, programs, techniques, sequences, designs, research or development activities and plans, licenses, specifications, computer programs, source and object codes, mask works, works of authorship, costs of production, prices or other financial data, volume of sales, promotional methods, lists of names or classes of clients/ customers or personnel, lists of suppliers, business plans, budgets, business opportunities, financial statements or information related to party concerned shall be referred to as Confidential Information with reference to this MoU.
- 7.2 Each Party further agree to maintain and use the confidential information of the other party only for such purpose as may be required and permitted for the due execution and performance of this MoU and to make copies as may be specifically authorized by the prior consent of other party and disclosure of confidential information to third parties and to use such information only on a "need to know" basis.
- 7.3 All the confidential information shall, at all times, remain the exclusive property of the party concerned.



Attested

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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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8 INTELLECTUAL PROPERTY RIGHTS:

- 8.1 The Parties acknowledge that all Intellectual Property Rights to any material or information including but not limited to the course materials, curriculum, the software systems, procedures, operating, quality, control, audit and user manuals, database design, source and object code, reports etc. designed by either Party shall at all times be the sole and exclusive property of the respective Party.
- 8.2 The Parties acknowledge that all Intellectual Property Rights which arise in relation to the course content, curriculum, case studies, pedagogy and other academic know how developed by either Party during the subsistence of this Agreement and in relation to the Services shall at all times be the sole and exclusive property of the respective Party.
- 8.3 Parties agreed that they will sign End User License Agreement (EULA) separately whereby Tata Technologies shall permit to access and use online/offline contents in accordance with mutually agreed terms of MoU.
- 8.4 All the existing property rights owned by either party and not developed under the scope of this MoU but introduced during the performance of this MoU shall remain the party's property.
- 8.5 Any new IP developed jointly by the parties themselves or through the innovators/ trainee who obtained support of IIIC shall be jointly owned by the parties. However, for each/all such invention/s, the Parties and/or IIIC will execute required agreement at that point of time.

9 INDEMNITIES AND WARRANTIES:

- 9.1 Parties shall indemnify and hold each other harmless against any loss, claim, or damage to any person or property caused by its willful misconduct or gross negligence. Parties shall hold each other indemnified against any loss, damage, cost and expenses including attorney's fees, which may be incurred as a result of any action or claim initiated against indemnified party due to any material brought into project or any deliverables, any third party alleging infringement of their intellectual property rights due to usages of provided software, tools, hardware or usages of the property.
- 9.2 Parties shall have no obligations with respect to any Infringement Claims to the extent that the Infringement Claim arises or results from: compliance with specific technical specifications and instructions provided by the other party; (i) inclusion in a Deliverable of any content or other materials provided by other party and the infringement relates to or arises from such materials in the modification of a Deliverable (iii) operation or use of some or all of the Deliverable in combination with products, information, specification, instructions, data, materials not provided by other party.

S. Thomas Kabbang



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Dr. JOSE P THER
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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- 9.3 Tata Technologies warrants that, the performance of this MoU will conform to the specifications as per the relevant industry standards. The warranties described herein are exclusive and JECC KERALA hereby waives any and all other warranties, whether expressed or implied, including any implied warranty of merchantability, title, non-infringement or fitness for particular purpose or use.
- 9.4 Parties are duly constituted entities under Applicable Law and has all necessary authorizations, valid licenses, approvals, permits, and full power and authority to execute this MoU and to consummate the transactions contemplated herein.

10 LIMITATION OF LIABILITY:

- 10.1 Tata Technologies shall be excused and not be liable or responsible for any delay or failure to perform services or failure of the services under this MoU to the extent that such delay or failure has arisen due to reasons not attributable to Tata Technologies and such reason should be proven beyond reasonable doubts to JECC KERALA. The total cumulative liability of either party arising from or relating to this MOU shall not exceed the total amount paid to tata technologies by customer under this MOU that gives rise to such liability (as of the date the liability arose) during the preceding 12 months; provided, however, that this limitation shall not apply to any liability for damages arising from (a) willful misconduct (b) claims related to personal injury or damage to property.
- 10.2 In the event that Tata Technologies is delayed or prevented from performing its obligations due to such failure or delay on the part of or on behalf JECC KERALA, Tata Technologies shall be allowed an additional period of time to perform its obligations with mutual agreement.
- 10.3 In no event parties shall be liable to the other for any special, indirect, incidental, consequential, exemplary or punitive damages, loss of profit or business or loss of data arising in any way out of this MoU, however caused, under the claim of any type or nature, based on any theory of liability (including contract, tort or other theories of law), even if advised of the possibility of such damages.

11 TERMINATION AND ITS EFFECTS:

- 11.1 This MoU shall automatically come to an end on the expiry of the term mentioned hereinabove unless terminated herein below.
- 11.2 It is specifically agreed between the Parties that the Parties will not have any right to terminate this MoU till the period of completion of 36 months after establishment of IIC with or without any cause commencing from the date of execution of this agreement.

Dr. Manna Kallikavay



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Dr. JOSE P THERAYIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

- 11.3 It is specifically agreed between the Parties that in case of termination of this MoU by either party due to breach committed by other party, the defaulting party shall be liable to pay damages and losses suffered by other party due to the breach committed by defaulting party.
- 11.4 Either Party may terminate this MoU, in the event of any proceedings in bankruptcy, insolvency or winding up by or against the other Party or for the appointment of an assignee or equivalent for the benefit of creditors or of a receiver or of any similar proceedings.
- 11.5 In the event of termination or expiry of this Agreement, JECC KERALA will operate IIC, however it is further clarified that at all times the ownership of equipment, machinery, tools and software procured by any of the Parties as per terms of this agreement for the said project shall reside entirely with JECC KERALA and which shall be used only for the purpose of IIC.

12 PUBLICITY:

No Party shall use any name, mark or symbol of the other Party in any publicity release or advertising material or for any other purpose whatsoever nor shall publicize any information pertaining to this MoU or the other Party without securing prior written consent of the other Party, which consent shall not be unreasonably withheld or delayed.

13. AUDIT:

No Audit will be allowed without providing any 30 days advance notice and Tata Technologies will only liable to provide documents related to Project provided they are not confidential in nature.

14. ARBITRATION:

In case any dispute or difference arises between the Parties as to any term and/or conditions of this MoU, the Parties shall promptly meet and attempt in good faith to resolve such dispute or difference by amicable negotiations; Provided, that if the same is not so resolved within 30 days, the matter shall be referred to the sole arbitrator mutually appointed by the Parties. The arbitration proceedings shall be conducted in accordance with the Arbitration and Conciliation Act, 1996, as amended from time to time and the venue of such arbitration shall be Kerala, India only and the award or awards in such arbitration shall be final and binding on the Parties.

S. K. Kishore



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Dr. JOSE P. THE
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

15. GOVERNING LAW AND JURISDICTION:

The provisions of this MoU or any other document entered into between the Parties herein shall be construed, interpreted, governed by and enforced in accordance with Indian law. Subject to the arbitration clause, Pune courts shall have exclusive jurisdiction for the purposes of this MoU.

16. NO THIRD-PARTY RIGHTS:

A person who is not a party to this MoU shall not have any right to enforce any term of this MoU.

17. COUNTERPARTS:

This MoU shall be executed in two counterparts, each of which shall be deemed as original, but all of this together shall constitute one and the same instrument.

18. SEVERABILITY:

Should any portion of this MoU be contrary to, or in violation of any law and consequently of no effect, the remainder of this MoU shall be valid and remain in force notwithstanding the invalidity of such portion.

19. AMBIGUITIES:

Any ambiguous language in this MoU shall be interpreted as to its fair meaning, and not strictly for or against a party. Matters not provided for in this MoU shall be mutually decided by the Parties in writing and decision so agreed upon shall be final and binding on the Parties.

20. AMENDMENT:

The Parties to this MoU may, add, delete, amend or alter all or any of the terms and conditions of this MoU as mutually agreed upon from time to time and such modification and changes shall not be effective until the same are in writing and duly signed by the authorized representatives of the Parties.

21. NON-WAIVER:

No waiver, delay or failure by a party in enforcing any of the provision/s of this MoU shall prejudice or restrict the rights of such party under this MoU nor shall waiver by a party of any breach operate as a waiver of any subsequent breach. The rights, powers and remedies provided to each party in this are in addition to, and do not exclude or limit, any right, power or remedy provided by law.

22. NOTICES:

All notices and correspondences to a party shall be deemed to be properly served if sent to their respective addresses mentioned herein above, by regular post mail, postage prepaid or commercial overnight courier. For enabling swift business communications,



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

the Parties shall provide their email addresses to expedite official correspondences and documents.

23. ENTIRE MOU:

This MoU is binding on all parties and this MOU cannot be modified, amended, altered or supplemented except by an MoU in writing signed by the duly authorized representatives of the Parties.

IN WITNESS WHEREOF, the Parties-hereto have executed this MOU as of the date first above written.

**Jyothi Engineering College,
Jyothi Hills, Vettikkattiri,
Cheruthuruthi, Kerala**

Tata Technologies Limited

Fr. Thomas Kakkassery
Fr. Thomas Kakkassery (Sep 1, 2020 10:50 GMT+5.5)

Anand Bhade
Anand Bhade (Sep 1, 2020 10:25 GMT+5.5)

Signature:

Name: Fr. Thomas Kakkassery

Designation: Manager, Jyothi Engineering College

Signature:

Name: Anand Bhade

Designation: President (APAC)

Witnesses:

- 1.
- 2.

Witnesses:

- 1.
- 2.

True Copy Attested



Joseph P. Thekkattil
Dr. JOSE P. THEKKATTIL
Principal
Jyothi Engineering College
Cheruthuruthi - 679531

Annexure-1 BOM

Equipment	Make / Model	Specification	QTY
Industrial Workstation	HP Series or equivalent	32 GB RAM, NVIDIA Qdr 4GB, Intel XeonW-2123 3.6 4C, 1TB HDD, USB Keyboard & USB Optical Mouse	10
Monitor	HP Z22N or equivalent	IPS Display, Narrow Bezel	20
Furniture for workstation	Industry equivalent		11
Server	HP Series or equivalent (with Monitor)	32 GB RAM, NVIDIA Qdr 4GB, Intel XeonW-2123 3.6 4C, 1TB HDD, USB Keyboard & USB Optical Mouse	1
Technology Tools for design and Development			1 Set
Creo Essentials	PTC		
Creo Direct	PTC		
Creo Interactive Surface Design Extension	PTC		
Creo Flexible Modeling Extension	PTC		
Creo Layout	PTC		
Creo Manikin	PTC		
Creo Manikin Analysis	PTC		
Creo Mechanism Dynamics Extension (MOO)	PTC		
Creo Advanced Framework Extension (AFX)	PTC		
Creo Options Modeler Standard Application	PTC		
Creo Piping Design Extension	PTC		
Creo Advanced Rendering Extension	PTC		
Creo ModelCHECK Extension	PTC		
Creo View ECAD	PTC		
Mathcad P	PTC		
Windchill	PTC		
Creo Primitives and Multi-Surfaces Milling Extension	PTC		
Creo Production Machining Extension	PTC		
Creo Plastic Advisor Extension	PTC		
Creo Progressive Die Extension (PDX)	PTC		
Creo NC Sheetmetal Extension	PTC		
Creo Computer Aided Verification Extension	PTC		
ThingWorx SCO Internship	PTC		
AR Vuforia studio	PTC		
MASTERCAM			1Set
Mastercam Lathe	Mastercam		
Mastercam Advanced Mill	Mastercam		
Mastercam Wire	Mastercam		
Mastercam Access (MU12)	Mastercam		
Analysis Tools MSC			1Set
Adams Machinery Studio	MSC		
MSC Apex modeler with Patran Bundle	MSC		
MSC Apex Structures	MSC		
MSC Nastran linear structure package	MSC		
Simufact Forming Hub	MSC		

Handwritten signature



True Copy Attestation

Handwritten signature of Dr. Jose P. Therattil

Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Equipment	Make / Model	Specification	QTY
Simufact Forming parallel core	MSC		
ScFlow standard set	MSC		
Analysis Tools FEAST			
Linear static analysis	ISRO	Easy to use indigenized, intuitive, user friendly Technology tools for various analysis of structures, models, parts, assemblies comprising of Linear analysis, random response analysis, thermal analysis, Buckling analysis etc.	1Set
Free-vibration analysis	ISRO		
Buckling analysis	ISRO		
Transient response	ISRO		
Frequency response	ISRO		
Random response	ISRO		
Base excitation	ISRO		
Inertia relief method	ISRO		
Visco-elastic Analysis	ISRO		
Thermal Analysis	ISRO		
Electric Vehicle Training Kit			
EV Kit Chassis	TATA Technologies	Aluminum/steel Frame, Wooden Top, Plastic board for wiring Connection	2 Sets
Wheel Rim & Tyre		12 Inch Car Alloy/Steel Rim Wheel	
Battery		12V, 100AH (4 Nos.)	
Crimping Lugs		As needed	
Battery Packing			
BMS			
Motor		48V 2000W	
Motor Controller		100A	
Throttle Pedal			
Solar Panel		50watt each	
Solar Charge Controller		48V	
Wire, Solar Panel to EV KIT		6 Sq mm/4sqmm	
SMPS		230V Input, 48V Output	
Selector Rotary Switch		30A	
MCB		30A	
Fuse		30A	
Emergency Stop Switch		30A	
Start Switch		30A	
Stop Switch		30A	
Break Switch		30A	
HeadLight			
Tail Light			
Banana Plugs & Socket			
Wires 12V		2.5 Sqmm	
Electric Wiring raceways			
Grommet			
Reverse Camera			
Ultrasonic Sensor			
Small LEDs with holder			
Big LEDs with holder			
Buzzer			
DC to DC convertor	48V to 12V		

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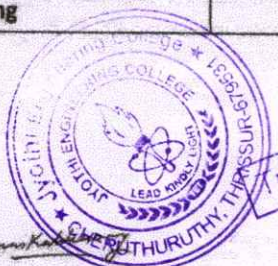
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 Dr. JOSEPH THERATH
 Principal
 Jyothish Engineering College
 Cheruthuruthy - 679531

Equipment	Make / Model	Specification	QTY
DC to DC convertor		12V to 5V	
Nextion TFT Display		7" Size	
Current Limiting Sensor			
Arduino Mega Controller			
Temperature Sensor			
Thermal Resistive Sensor			
ICE Section			
Transmission / Gearbox Demo Kit			
Cooling System			
Fuel System and Urea Handling			
Exhaust System			
Commercial Vehicle Chassis Structure			
Rear Axle			
Engine and Transmission Mounts			
HVAC Demo Kit			
Electronic Ignition System of and Automobile 4 Wheeler			
Demonstration Board of Working Model of MPFI System with Motorized Control			
Instructions Kit for Charging System			
Instructions Kit for Starting System			
Lighting and Wiring System			
Tractor cut section (Working Model)			
Industrial Robotics			
	Yaskawa or equivalent		Fully Integrated Cell of 2 Robots with conveyor
YASKAWA AR1440	Yaskawa or equivalent	Robot 12kg Payload, 6 Axis	1
YASKAWA GP12	Yaskawa or equivalent	Payload: 12 Kg, 6 axis for handling	1
Robot Controller YRC1000			
Welding Power Source (MotoPAC-WR100) with arc welding package		350 amps short arc Power Source	
Programming Pendant		Touch screen pendant with Windows CE operating system and full color 5.7" LCD touch-screen display	
Standard welding cell with safety fence, fixture, HMI			
Isolation transformer			
PLC Panel			
Welding Table			
Pick and Place table			
Input conveyor for palletizing			
Earthing cable		6 mm Sq. 1 core Copper cable	
Robot Power Wiring		10 mm Sq. 4 Core copper cable	
Robot Power Wiring		4 mm Sq. 3 core copper cable	
Welding wire, gas hose and gas regulator			
Piping/Hose pipe upto robot gripper			
Additive Manufacturing			1



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Joseph

Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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Equipment	Make / Model	Specification	QTY
3D Printer Plastics	Ultimaker 3 Extended or equivalent	FDB, Dual extrusion print head with a unique auto-nozzle lifting system and swappable print core, Build Volume: Left nozzle: 215 x 215 x 300 mm Right nozzle: 215 x 215 x 300 mm	
I Get it	TATA Technologies	e-Learning Tool	10
Advance Manufacturing			
Vertical Machining Center with Automatic Tool Changer	Ace Micromatic or equivalent	Spindle power: 5.5 / 3.7 kW Three tier indication lamp, Table longitudinal travel (X - Axis)=400, Table size: 650 x 300	1
3D Scanner for Re-Engineering & Upgradation	EINSCAN OR equivalent	SE, White light scanning, 700x700x700 (mm), 40 W.	1
Tool Box (with Measuring tools)	Standarad	Screw Driver Set, Spanner set, Measuring tools, Plier set, Allen Key Set, Fillar Gauge etc.	1
Hydraulic Hand Pallet	ASPIRANT or Equivalent	Lowered Fork Height 85 mm Lifting Height 115 mm Raised Height 85 + 115 = 200 mm Length of Fork 45" (1150 mm) Overall fork Width 27" (685 mm) Individual Fork Width 160 mm Width Between Forks 365 mm Steering / Load Wheel Tandem Nylon Chasis Colour Yellow	1
Compressor	KND or equivalent	3.0 H.P Double Piston With 210 Ltr Tank Capacity, 3.0 H.P 3 Phase Motor, V-Belt, Automatic Switch, Safety Valve, Drain Nut, Air Filter, Protection Guard, Guage, R.P.M-750, 11.8 Cft, 150 P.S.I, 10 Kg Working Pressure.	1

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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Dr. M. K. Kalyan

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JECC_MOU

Final Audit Report

2020-09-01

Created:	2020-09-01
By:	Shrishti Kumar (Shrishti.Kumar@tatatechnologies.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAA2whLCWCSaFUvMj3UB8T3eXzRH1yxgfl9

"JECC_MOU" History

- Document created by Shrishti Kumar (Shrishti.Kumar@tatatechnologies.com)
2020-09-01 - 4:07:57 AM GMT - IP address: 47.9.223.145
- Document emailed to Anand Bhade (anand.bhade@tatatechnologies.com) for signature
2020-09-01 - 4:18:30 AM GMT
- Email viewed by Anand Bhade (anand.bhade@tatatechnologies.com)
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- Document e-signed by Anand Bhade (anand.bhade@tatatechnologies.com)
Signature Date: 2020-09-01 - 4:55:53 AM GMT - Time Source: server- IP address: 49.36.41.66
- Document emailed to Fr. Thomas Kakkassery (frthomaskakkassery@gmail.com) for signature
2020-09-01 - 4:55:55 AM GMT
- Email viewed by Fr. Thomas Kakkassery (frthomaskakkassery@gmail.com)
2020-09-01 - 5:01:50 AM GMT - IP address: 66.249.84.170
- Document e-signed by Fr. Thomas Kakkassery (frthomaskakkassery@gmail.com)
Signature Date: 2020-09-01 - 5:20:19 AM GMT - Time Source: server- IP address: 157.46.174.181
- Signed document emailed to pv.kaulgud@tatatechnologies.com, Fr. Thomas Kakkassery (frthomaskakkassery@gmail.com), Priyanka Chauhan (Priyanka.Chauhan@tatatechnologies.com), Anand Bhade (anand.bhade@tatatechnologies.com), and 3 more
2020-09-01 - 5:20:19 AM GMT



Jose P Therattil
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Jecc/G/A/7/2020/01



MEMORANDUM OF UNDERSTANDING

Between
PELITA BANGSA UNIVERSITY
(Herein called "PBU")



And
JYOTHI ENGINEERING COLLEGE
(Herein called "JEC")

This agreement is made between PBU and JEC the two parties to this agreement wish to establish inter-institutional cooperation and interaction, scholarly and cultural exchanges, and to promote mutual understanding. This document provides a preliminary statement in relation to future collaboration between the two institutions. Listed below are a number of activities and initiatives intended to commence the development of the collaboration between the two institutions.

1. Areas of Cooperation

The two parties may include exploration of the following:

- Exchange of Faculty and Administrative/Professional Staff
- Exchange of Students
- Exchange of professional lectures as a guest lecturer
- Individual and Joint Research Programmes
- Joint Education Programmes at both undergraduate and postgraduate levels
- Holding joint international seminars
- Implementation of community services
- Mentoring small businesses



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679537

2. Coordinators

To guarantee the fulfillment of conditions under this Agreement each Party appoints a coordinator with the partner University. The coordinator guarantees that the other Party shall have all information necessary for cooperation.

- On the part of the PBU:

Mr. Nanang Tedi Kurniadi, M.T., Partnership and Development Director of PBU

Tel: +62-8557892100

E-mail: partnership@pelitabangsa.ac.id

- On the part JEC :

Rev. Dr. Jose Kannampuzha

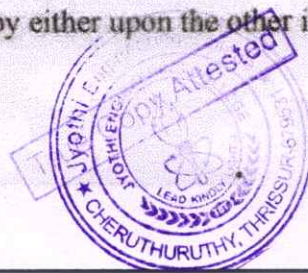
Tel: +91 4884 259 000, +91 9061040275

- E-mail: info@jecc.ac.in

3. Commencement, Duration, and Termination of the Agreement

This agreement will become effective on the date of signing between the legal representatives or their trustees of PBU and JEC It is understood by PBU and JEC that the agreement will be modified in writing from time to time based on our partnership experiences, and that subsequent agreements will be made between the two institutions, detailing the specific terms relating to each of the activities listed above.

This agreement is not intended to be a legally binding document. It is meant to describe the nature and to suggest the guidelines of the cooperation described above. Nothing therefore shall diminish the full autonomy of either institution, nor will any constraints be imposed by either upon the other in carrying out the agreement.



Jose 2
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

The agreement will remain in effect for three years. It will be automatically extended at the end of the three-year period by mutual written agreement of both institutions. It may be terminated by either party upon at least one month written notice, by either the signers of this document or their successors.

On behalf of
PELITA BANGSA UNIVERSITY



Signed:

Hamzah M. Mardiputra, S.K.M., M.M
Rector

Date: 25 November 2020

On behalf of
JYOTHI ENGINEERING COLLEGE

Signed:

Rev. Dr. Jose Kannampuzha
Director, Academics

Date: 25 November 2020

True Copy Attested





MEMORANDUM OF UNDERSTANDING

Between
PELITA BANGSA UNIVERSITY
(Herein called "PBU")



And
JYOTHI ENGINEERING COLLEGE
(Herein called "JEC")

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- Exchange of Faculty and Administrative/Professional Staff
- Exchange of Students
- Exchange of professional lectures as a guest lecturer
- Individual and Joint Research Programmes
- Joint Education Programmes at both undergraduate and postgraduate levels
- Holding joint international seminars
- Implementation of community services
- Mentoring small business



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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- On the part of the PBU:

Mr. Nanang Tedi Kurniadi, M.T., Partnership and Development Director of PBU

Tel: +62-8557892100

E-mail: partnership@pelitabangsa.ac.id

- On the part JEC :

Rev. Dr. Jose Kannampuzha

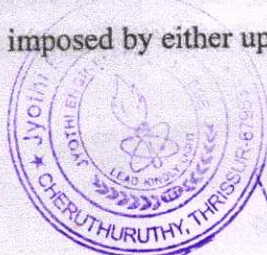
Tel: +91 4884 259 000, +91 9061040275

E-mail: info@jecc.ac.in

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Jose P Therattil
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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On behalf of
PELITA BANGSA UNIVERSITY

On behalf of
JYOTHI ENGINEERING COLLEGE

Signed:

Signed: 

Hamzah M. Mardiputra, S.K.M., M.M
Rector

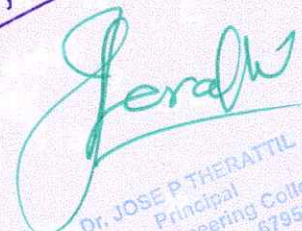
Rev. Dr. Jose Kannampuzha
Director, Academics

Date:

Date: 25. 11. 2020



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Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



MEMORANDUM OF UNDERSTANDING

(This "MOU")

Between:

Jyothi College of Engineering, located at Jyothi Hills, Panjal Rd, Vettikattiri, Cheruthuruthi, Kerala 679531, Kerala and represented by the **Director**, including its successors and assigns

(hereinafter "JECC")

and

IndVentr, which is a consortium of **Sinergia Media Labs LLP** having its registered office at (#25, Mather leisureville, Rajagiri Valley, kakkanad, 682039, Kerala), **Ionic 3DP ventures Pvt Ltd** having its registered office at (Villa No.25, Mather Leisure Villas, Rajagiri Valley, Kakkanad, Ernakulam, KL 682039) and **Aruvii** having its registered office at 3 Research Link, #01-02, i4.0 Singapore 117602

(hereinafter "IndVentr")

October 05, 2020

(the "Effective Date")

Summary / Context of this MOU

IndVentr is a consortium of three startup companies - Sinergia Media Labs (Cochin), IONIC3DP (Chennai), and Aruvii (Singapore). The non-profit, crowdfunded, and open source program aims to create emergency care ventilation solutions that are affordable, easy to use, effective for Covid-19 treatment, and quick to manufacture. The program is being supported by advisors, contributors and entities from India, Singapore, US and other parts of the world. The products being developed are a BVM Based emergency resuscitator IndVentr100 and a feature rich pneumatic design IndVentr200. In addition, IndVentr has collaborated with Prana, a not for profit organization based in Massachusetts, USA to offer a ventilator sharing solution named iSAVE, developed and tested by a group of researchers in MIT.

Majority of the Covid-19 emergency ventilator projects around the world are initiated by universities, but IndVentr has been predominantly an industry initiative. The diverse expertise and resources JECC is bringing on to the table, in the fields of Electrical, Electronics, Mechatronics, Mechanical, and Software Engineering, can add tremendous value to this multidisciplinary program.

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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Objective of this MoU

MOU to actively collaborate on further development, validation and deployment of emergency care ventilator solutions.

Faculty and students of Departments of Electronics and Communication (ECE), Electrical and Electronics (EEE), and Mechatronics (MR) of JECC will be contributing their expertise and resources to perform validation of the prototypes and future design iterations of the solution. The areas of collaborations shall also include system simulation, characterization, and cost/performance optimization of the various subsystems of the solutions. Potential activities under this collaboration include:

- Internship for JECC students to work on the design, simulation, development, validation, optimization of the IndVentr solutions
- Work with the mechanical department on the mechanical aspects of the solutions such as enclosures, pneumatic system, blower subsystem etc.
- Work with the instrumentation department for the design, simulation and optimization of the IOT aspects of the system
- Collaboration with the Instrumentation/Electronics departments on PCB design, debug and Embedded software
- Collaboration with the Electronics/Computer Science departments on Software, UI, cloud and AI components
- IndVentr team could collaborate with JECC faculty in offering a course on frugal product design around the IndVentr solutions
- Collaborate on problems related to ventilator technology - analysis, optimization, enhancements, publications..
- JECC can organize design contests and hackathons around the IndVentr solution.
- Work with JECC faculty and students on course projects related to technologies related to IndVentr.
- JECC and IndVentr shall come out with a joint press release regarding the collaboration proposed in this MOU.

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Jyothi Engineering College
Cheruthuruthy - 679531

- IndVentr will use JECC branding in all areas of contributions provided by JECC.

Last but not least, JECC could make a contribution for the IndVentr program by procuring a few functional prototypes which can be used for course works, projects, contests and demonstrations..

GENERAL OBLIGATIONS

- (a) Notwithstanding the non-binding nature of this Memorandum, the Parties will act in good faith and will use their best endeavours to achieve the Purpose and to give effect to the terms of this Memorandum.
- (b) The Parties hereby acknowledge and agree that they will each respectively perform all acts and execute all documents as reasonably required in order to give effect to the terms of this Memorandum.
- (c) Each Party agrees to cooperate in the spirit of mutual understanding and goodwill in order to develop the Parties' relationships with one another and in order to pursue the Purpose.

INTELLECTUAL PROPERTY

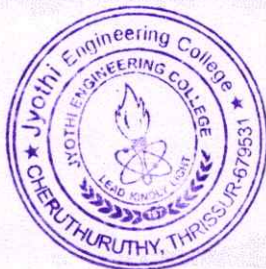
Both parties agree that the Indventr project will be treated as an open source project for the purpose of creating a sustainable ecosystem for life saving ventilator project. We will publish the work product online from time to time to ensure the sustainability and further development in this project.

TIMING AND DURATION OF PROJECT


- (a) This Memorandum will start on 1st October 2020 and will be in effect unless and until otherwise terminated by the Parties. The memorandum is further extendable by additional years on mutual agreement
- (b) The Parties may terminate this Memorandum by mutual agreement.
- (c) Either Party may terminate this Memorandum by providing 30 days notice in writing to the other Party.

CONSEQUENCES OF TERMINATION

- (a) In the event that this Memorandum is terminated:
 - (i) Neither Party will, under this Memorandum, incur any financial liability to the other Party; and



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Cheruthuruthy - 679531

(II) Notwithstanding the preceding sub-clause hereof, either Party may incur liability towards the other Party in connection with matters outside of this Memorandum, which may include but are not limited to liability in relation to breach of contract, tort, or equity.

(III) In the event that a Party ("First Party") is in possession of any equipment, materials, documents, intellectual property, data or other information ("Items") that are the property of the other Party ("Second Party"), then the First Party must promptly return all Items to the Second Party, or destroy any Items if directed to do so by the Second Party; and

(IV) The obligations provided in the "Confidentiality" clause and in the "Competition" clause of this Memorandum will continue for the time periods as provided in those clauses respectively.

COSTS

Unless otherwise expressly provided in writing, each Party is responsible for its own costs of complying with this Memorandum and in connection with the performance of its obligations under this Memorandum.

FORCE MAJEURE

If and to the extent that a Party's performance of any of its obligations under this MOU, hindered or delayed by fire, flood, earthquake, elements of nature or acts of God, acts of war, terrorism, riots, civil disorders, rebellions or revolutions, or any other similar cause beyond the reasonable control of such Party (each, a "Force Majeure Event"), and such non-performance, hindrance or delay could not have been prevented by reasonable precautions, then the non-performing, hindered or delayed Party will be excused for such non-performance, hindrance or delay, as applicable, of those obligations affected by the Force Majeure Event for as long as such Force Majeure Event continues and such Party continues to use its best efforts to recommence performance whenever and to whatever extent possible without delay, including through the use of alternate sources, workaround plans or other means. The Party whose performance is prevented, hindered or delayed by a Force Majeure Event will immediately notify the other Parties of the occurrence of the Force Majeure Event and describe in reasonable detail the nature of the Force Majeure Event.

If the Force Majeure Event continues for a continuous period exceeding 30 (thirty) days, the Parties shall mutually agree on the future course of action. However, despite all efforts made by the Parties in good faith, if the Force Majeure Event continues for a period of 90 (ninety) days, either of the Parties shall have the right to terminate this MOU by giving the other Parties a notice of termination in writing.

INDEMNITY

Each Party ("Indemnifying Party") hereby agrees to indemnify and hold the other Party harmless from all damages, costs, attorney's fees or other losses arising out of or relating to:



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531

- (a) breach of this MOU by the Indemnifying Party;
- (b) breach of any representation or warranty by the Indemnifying Party.

LIMITATION OF LIABILITY

Neither Party will be liable for, nor will the measure of damages include, any punitive or consequential or indirect losses or damages, including lost profits or third party claims arising out of or relating to its performance or failure to perform under this MOU. Liability for all punitive or consequential or indirect losses or damages is hereby expressly excluded.

Notwithstanding anything contained in this MOU, a Party's liability for any loss or damage, direct or indirect, for any cause whatsoever (including, but not limited to, those arising out of or related to this MOU) with respect to claims (whether third party claims, indemnity claims or otherwise) shall not under any circumstances exceed any amount paid for the project.

SEVERABILITY

If any provision of this MOU shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision thereof, and this MOU shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein. Any invalid or unenforceable provision of this MOU shall be replaced with a provision that is valid and enforceable and most nearly gives effect to the original intent of the invalid / unenforceable provision.

ENTIRE AGREEMENT

This MOU constitutes the entire agreement and understanding of the Parties with respect to the subject matter hereof and supersedes any and all prior negotiations, correspondence, agreements, understandings duties or obligations between the Parties with respect to the subject matter hereof.

NO OTHER RIGHTS GRANTED

Nothing in this MOU is intended to grant any rights under any patent, copyright or other intellectual property rights of any Party in favor of the other, nor shall this MOU be construed to grant any Party any rights in or to the other Party's Confidential Information, except the limited right to use such Confidential Information in connection with the Project under this MOU.

AMENDMENTS

Any change, alteration, amendment, or modification to this MOU must be in writing and signed by authorized representatives of both the Parties.

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DISPUTE RESOLUTION

(a) Any dispute(s) arising out of this MOU shall, as far as possible, be settled amicably between the Parties hereto failing which the following shall apply:

(b) Any dispute under this MOU shall be referred to arbitration by a sole arbitrator to be appointed jointly by the Parties.

(c) The arbitration proceedings shall be held in Cochin in accordance with the provisions of the Arbitration and Conciliation Act, 1996 or any statutory re-enactment or modification thereof for the time being in force.

(d) The Parties agree that the arbitration award shall be final and may be enforced as a decree.

(e) The Parties further agree that subject to the above only the competent courts at cochin shall have jurisdiction in all matters arising hereunder.

(f) The Parties further agree to keep the arbitration proceedings and the arbitral award confidential.

NOTICES

Except as otherwise specified in this MOU, all notices, requests, consents, approvals, agreements, authorizations, acknowledgements, waivers and other communications required or permitted under this MOU shall be in writing and shall be deemed given when sent to the address specified in the title clause of this MOU.

Either Party may change its address for notification purposes by giving the other Party 10 (ten) days notice of the new address and the date upon which it will become effective.

GOVERNING LAW

This MOU and all issues arising out of the same shall be construed in accordance with the laws of India.

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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

SIGNED BY THE PARTIES THIS

For Indventr

DocuSigned by:
Derrick Sebastian
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By: Derrick Sebastian
Title: Chief Executive officer
Sinergia Media Labs LLP

For Jyothi Engineering College



By: Fr. Dr. Jose Kannampuzha
Title: Director Academics
Jyothi Engineering college



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Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



MEMORANDUM OF UNDERSTANDING

between

Jyothi Engineering College, Cheruthuruthi, Thrissur, India

And

CHRIST (Deemed to be University), Bangalore, India

Whereas Jyothi Engineering College is an Engineering College established in 2002 under the Trichur Educational Trust of the Catholic Archdiocese of Thrissur with the Vision of 'Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence' and affiliated to A P J Abdul Kalam Technological University, Thiruvananthapuram vide: Order No. KTU/A/456/2015 dt. 30-06-2020, and approved by AICTE vide: Order F. No. South West/1- 7006982462/2020/EOA dt. 15-Jun-2020 and NAAC B+ accredited and having five of its UG programmes accredited by National Board of Accreditation valid up to 2022, offering UG, PG and PhD programmes in Engineering, having its Office at Jyothi Engineering College, Jyothi Hills, Panjal Road, Vettikattiri PO, Cheruthuruthi, Thrissur, Kerala 679531 with website: www.jecc.ac.in (herein referred to as JECC)

Whereas CHRIST (Deemed to be University) is a Deemed to be University under Section 3 of the UGC Act 1956 and NAAC 'A' Accredited, offering multi-disciplinary UG, PG and Research Programmes in Arts, Sciences, Social Sciences, Commerce, Management, Education, Law, Engineering and Architecture established in 1969 with the motto of 'Excellence and Service' and managed by CHRIST Trust formed under the Catholic indigenous congregation of Carmelites of Mary Immaculate (CMI) having its Central Campus at Dharmaram College P O, Hosur Road, Bengaluru, Karnataka - 560029 and website 'www.christuniversity.in' (hereinafter referred to as 'CU') and


Whereas JECC and CU (hereinafter jointly referred to as 'Parties') have agreed to enter into an academic collaboration in multiple academic/research disciplines for mutual benefit to the constituent stakeholders, particularly for the Students and Faculty Members of the Parties

This Memorandum of Understanding (MOU) is entered to between the Parties this 15th day of September 2020 which is witnessed as hereunder.

1. The purpose of this MOU is to build friendship and goodwill and foster a relationship that will promote mutual intellectual exchanges between students, faculty members and administrators of JECC and CU
2. In an effort to experience the lifelong learning process, both parties are prepared to participate in a formal exchange programme that seeks to promote an academic exchange and to provide collaboration in research efforts.
 - i. This exchange programme encompasses, but is not limited to, the promotion of:
 - a. Exchange of scholars (professors, lecturers or researchers) and students
 - b. Organization of joint research projects
 - c. Collaboration in research and consultancy
 - d. Sharing of Resources such as software, repositories, expertise etc.
 - e. Collaboration in the area of education and continuing education
 - f. Other academic exchanges to which both institutions agree
 - g. Technical support for setting up Library, Laboratory and Social Action.
 - h. Training in curricular, co-curricular and extracurricular areas
 - i. Supervision of Research scholars, etc




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Principal
Jyothi Engineering College
Cheruthuruthy - 679531

- ii. The implementation of any and all exchange programmes will be separately negotiated and determined by both the institutions by way of separate agreement and subject to applicable UGC Regulation/s.
 - iii. Participation in the exchange programme will continue as long as both institutions deem the experience mutually beneficial. It is the intent and desire of both institutions to continue to develop inter-disciplinary knowledge relations and intellectual growth through the exchange of people and ideas.
3. Both parties are responsible for their own costs in relation to this Memorandum of Understanding unless otherwise agreed.
 4. JECC and CU affirm this MOU by signature of their officials duly authorized to enter into and to implement the same.
 5. This MOU will become effective from the date herein mentioned above and shall remain valid for a period of two years unless either Party terminates the same on three month's written notice to the other. Notwithstanding any such termination any Programme that is being implemented under Clause 2 (ii) above shall continue till its full completion.
 6. This MOU will be reviewed at the end of the second year and subject to mutual consensus may be renewed on such terms and conditions as may be mutually agreed.
 7. Each Party shall have a Coordinator for the MOU who shall be responsible for organizing and implementing this MOU under Clause 2(ii) above by connecting with appropriate Department/s of the Parties. The contact details of the Coordinators shall be as stated herein and may be changed by the Parties at any time during the term of this MOU by communication in writing. The Coordinators currently designated for the purpose are:

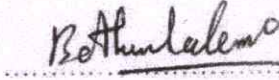
Coordinator	JECC	CU
Name	Dr. Sunny Joseph Kalayathankal	Fr. Dr. Benny Thomas
Title	Principal	Director
Telephone	04884-259255, 919447302102	+919886555040
Email	principal@jecc.ac.in	frbenny@christuniversity.in


This MOU is signed by the duly authorized officials of the Parties on the day first mentioned herein above:


 Dr. Sunny Joseph Kalayathankal


 Fr. Dr. Jose Kannampuzha
 Director (Academics)
 Jyothi Engineering College
 Thrissur - 679531

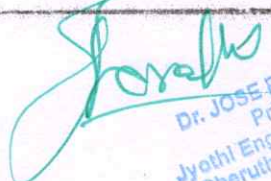



 Fr. Dr. Benny Thomas


 Fr. Dr. Benny Thomas
 Registrar
 CHRIST (Deemed to be University)
 Bangalore - 560029



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 Dr. JOSE P THERATTIL
 Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531

Jeccl/6/A7/2020/008



CHRIST
(DEEMED TO BE UNIVERSITY)
BANGALORE · INDIA

CU:OR:GEN:09/20
15 September 2020

Fr Dr Jose Kannampuzha
Director (Academics)
Jyothi Engineering College
Jyothi Hills, Panjal Road,
Vettikattiri P.O.
Cheruthuruthy,
Thrissur - 679531
Kerala

Re: Memorandum of Understanding

Dear Fr,

We thank you for joining us to sign the MOA today. We hope this will build a robust collaboration between our two institutions.

With this letter we are enclosing a copy of the Memorandum of Understanding signed from our University.

May I request you to send the signed copy from you to the following address?:

Registrar,
CHRIST (Deemed to be University),
Dharmaram P.O.,
Hosur Road,
Bangalore - 560029
Karnataka

Thank you.

Yours truly,
For CHRIST (Deemed to be University),

(Dr Anil Joseph Pinto)
Registrar
CHRIST (Deemed to be University)
Bangaluru - 560 029



True Copy Attested

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

Jccc / G/A / 7 / 2020 / 006

**MEMORANDUM OF UNDERSTANDING
(MoU)**

BETWEEN

Yuvakshetra College

&

Jyothi Engineering College

FOR

True Copy Attested



Jorath

**SKILL DEVELOPMENT, OUTCOME BASED TRAININGS
AND RELATED SERVICES**

DR. P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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BZ 637889

MEMORANDUM OF UNDERSTANDING BETWEEN YUVAKSHETRA INSTITUTE OF MANAGEMENT STUDIES, PALAKKAD AND JYOTHI ENGINEERING COLLEGE, THRISSUR

This memorandum of understanding (herein after referred to as MoU) is made on 12th August, 2020 between Yuvakshetra Institute of Management Studies, Ezhakkad, Mundur, Palakkad-678631 (herein after referred to as first party) and Jyothi Engineering College, Cheruthuruthy, Thrissur-679531 (herein after referred to as second party) for getting enrichment on academic subjects from second party, which will result in faculty and students development by sharing the resources. The MoU is signed by Dr. Tomy Antony, Principal, Yuvakshetra Institute of Management Studies, Ezhakkad, Mundur, Palakkad and Dr. Sunny Joseph Kalayathankal, Principal, Jyothi Engineering College, Cheruthuruthy, Thrissur. This MoU is based on the decision taken in the Telephonic discussion of both parties on 10 - 08- 2020.

Whereas both parties agreed to associate and carry-out the academic adoption programme with overall objective of second party giving curriculum oriented academic guidance as webinar sessions to improve the subject knowledge in the academic year 2020-21. Now both parties have agreed to enter into this MoU formulated as per below mentioned terms and conditions;

- To provide academic guidance and instructions based on UG syllabus of BCA and B.Sc Computer Science curriculum of University of Calicut;
- The training sessions will be focused on the subject 'Sensors and Transducers' of Department of Electronics and Engineering.


Principal
Yuvakshetra Institute of Management Studies (YIMS)
Palakkad


EZHAKKAD
PALAKKAD DIST
PIN 678 631


Principal
Jyothi Engineering College
Cheruthuruthy





भारतीय गैर न्यायिक



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BZ 637888


- The first party will do necessary arrangement regarding class time for the successful implementation of this programme according to the convenience and schedule of second party on the basis of prior discussions;
- First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities;
- Both the Parties intent to cooperate and focus their efforts on cooperation within the areas of Skill Based Training and Education.

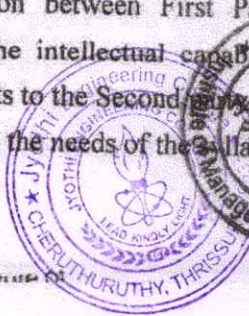
NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution. 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.

The co-operation between First Party and Second Party will facilitate effective utilization of the intellectual capabilities of the faculty of Second Party providing significant inputs to the Second Party in developing suitable teaching / training systems, keeping in mind the needs of the syllabus of the First Party.


Principal



A. DILIPKUMAR

True Copy Attested


Principal
Jyothi Engineering College
Cheruthuruthy
679539

CLAUSE 2: SCOPE OF THE MoU

- The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that the close co-operation between the two would be of major benefit to the student community as well as the faculties to enhance their skills and knowledge.
- **Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
- **Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting training as per the academic requirement considering the Syllabus of University of Calicut for BCA and B.Sc Computer Science.
- **Execution:** Both Parties are responsible to arrange the webinar sessions by providing the resource persons of Second party and all the other arrangements from First party on the terms specified herein.
- There is no financial commitment on the part of the **Yuvakshetra College**, the First Party and **Jyothi Engineering College**, the second party to take up any programme mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3: VALIDITY

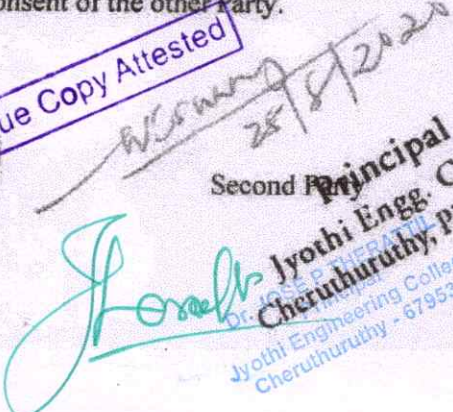
- This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms.
- Both Parties may terminate this MoU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations.

CLAUSE 4: RELATIONSHIP BETWEEN THE PARTIES

- It is expressly agreed that **First Party** and **Second Party** are acting under this MoU as independent contractors, and the relationship established under this MoU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party.


First Party
Principal
Yuvakshetra Institute of
Management Studies (YIMS)
Ezhakkad, Mundur Palakkad Dist
Kerala, India Pin - 678 631




Second Party
Principal
Jyothi Engg. College
Cheruthuruthy, Pin - 679 531
Jyothi Engineering College
Cheruthuruthy - 679531

AGREED:

For Yuvakshetra College

For Jyothi Engineering College


Principal
Yuvakshetra Institute of
Management Studies (YIMS)
Ezhakkad, Mundur Palakkad Dist
Kerala, India. Pin -678 631



K. S. Kumar
25/8/2020
Authorized Signatory

Principal
Jyothi Engg. College
Cheruthuruthy, Pin -679 531

Yuvakshetra College	Jyothi Engineering College
Ezhakkad, Palakkad -678631	Cheruthuruthy, Thrissur -679531
0491-2846426, 9961233888	+91-4884-259000, 274423
yuvakshetracollege@gmail.com	info@jecc.ac.in
www.yuvakshetra.org	www.jecc.ac.in

Witness 1:

Dr. Bheem (Lalu) Jithakoral
Vice Principal
Yuvakshetra Institute of Management Studies
[Signature]

Witness 2:

Fr. David Nettikadan
Add-On Courses Co-ordinator,
Jyothi Engineering College
[Signature]

Witness 3:

Mrs. Meena Jose Kombam
HOD, Department of CS
Yuvakshetra College
Head of the Dept. of Computer Science
yuva kshetra
Institute of Management Studies
Ezhakkad, Palakkad, Dist.

Witness 4:

[Signature]
25/8/2020
Dr. Jose P. Therattil
M.Tech., Ph.D. (NIT)
Professor & HOD, ECE Department
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531

Signature

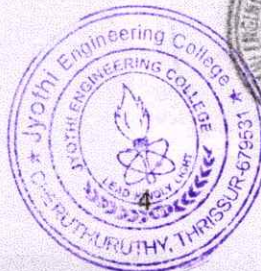
(First Party)

[Signature]
Principal
Yuvakshetra Institute of
Management Studies (YIMS)
Ezhakkad, Mundur Palakkad Dist
Kerala, India. Pin -678 631



Signature

(Second Party)



True Copy Attested

[Signature]
25/8/2020
Principal
Jyothi Engg. Coll
Cheruthuruthy, Pin -679 531

[Signature]
Dr. JOSE P. THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETIKATTIRI P.O., CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



JECC / G / A / 7 / 2015 / 0059

MEMORANDUM OF UNDERSTANDING FOR MEDICAL AND ENGINEERING COLLABORATION

Between

Jubilee Mission Medical College & Research Institute

and

Jyothi Engineering College, Cheruthuruthy

PARTIES

Jubilee Mission Medical College & Research Institute (hereinafter called JMMCRI) is one of the pioneering institutions in Health Care and Education in South India. JMMCRI is equipped to impart high quality education in the Health Care.

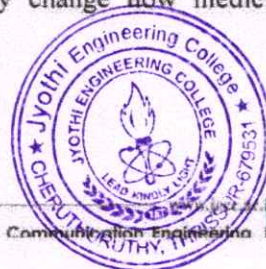
Jyothi Engineering College, Cheruthuruthy (hereinafter called JECC) is an educational institution offering professional engineering courses leading to B.Tech and M.Tech degrees awarded by APJ Abdul Kalam Technological University.

PERIOD OF AGREEMENT

This Memorandum of Understanding is between Jyothi Engineering College Cheruthuruthy, Thrissur, Kerala and Jubilee Mission Medical College & Research Institute, Thrissur, Kerala. It is effective upon signing and shall remain in effect until termination by either party with 30 day written notice.

PURPOSE & AUTHORIZATION

The purpose of this Agreement is to promote collaboration in engineering research and medical research between the JECC and JMMCRI. Groundbreaking inventions in mechanics, electronics, and computing in the past decades have ideally positioned the integration of the life sciences and engineering to address major challenges in medicine and healthcare. With the domain expertise of JMMCRI in the area of medicine and health-care, faculty and students of JECC will be working in several strategic areas to develop new technologies and the educational expertise that will fundamentally change how medicine is taught and practiced; especially in the assistive technologies.



True Copy Attested

JOSE P. THERATIL
Principal
Jyothi Engineering College
Cheruthuruthy, Thrissur
679531



Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
JYOTHI HILLS, VETTIKATTIRI P.O. CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



PUBLICATIONS

Dissemination of the research findings is an essential objective of the collaborative research. Authorship will be determined according to commonly accepted conventions for scientific publications. Before either Party submits a paper or abstract for publication or otherwise intends to publicly disclose information about any Invention made in the course of the research or any of the Data arising from the research, the other Party will have not less than thirty (30) days prior to the submission to review the disclosure and ensure that its Confidential Information is protected. Upon written request, either Party may request delay in publication for a period up to sixty (60) days from the date the publication was originally provided to that Party for the filing of any relevant patent applications. In addition, either Party may request their Confidential Information be removed.

DESIGNATED CLIENT REPRESENTATIVES

To ensure effective communication and an effective progress in research activities between JMMCRI and JECC, both the parties agree to designate a single representative to work in collaboration. The representative will ensure that ALL requirements are being met for the smooth conduct of the research activities in both centers.

CONFIDENTIALITY

JECC & JMMCRI each shall safeguard the use of and access to the information to which either parties is providing or arranging for the service. Both parties agree not to release any reports, data or other information shared by one party without prior permission

AMENDMENT

This Memorandum of Understanding may be amended on the initiative of either party by submitting a proposed amendment in writing to the other party and agreement of that party to the amendment.



True Copy Attested

Jose P Therattil
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

www.jecc.ac.in / Email: info@jecc.ac.in



Jyothi Engineering College

NAAC Accredited College with NEP Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



MISCELLANEOUS

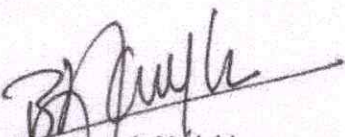
This Agreement represents the final and complete understanding of the parties and supersedes all prior oral and written understandings concerning the subject matter of this Agreement. No amendment of this Agreement is valid unless in writing and signed by the parties. No waiver of any term or condition of this Agreement or any part of it shall be deemed a waiver of any other term or condition or of any later breach of this Agreement or any part of it. This Agreement will be binding on and inure to the benefit of the parties to the Agreement and their respective successors and permitted assigns. JECC may not assign this Agreement, including assigning, delegating or subcontracting any of JECC's obligations under it, without JMMCRI's prior written consent, which may be withheld in the JMMCRI's sole discretion. This Agreement may be executed in a number of counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument.

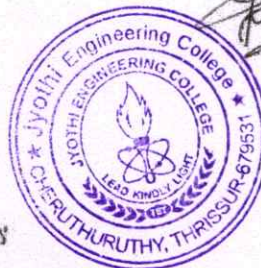
APPLICABLE LAW

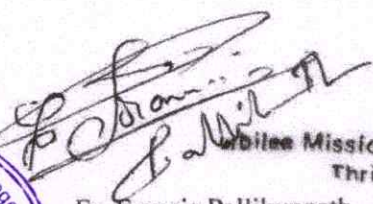
The parties agree that this Agreement is governed by the law of the State of Kerala applicable to contracts made and performed there without regard to its conflicts of laws provisions, and that any dispute relating to this Agreement will be brought only in the state courts in the State of Kerala.

Any changes to this contract are not valid until initialed by both parties.


IN WITNESS WHEREOF, the parties have executed this agreement as of the Effective Date of Seventeenth of March, Two Thousand and Eighteen (March 17, 2018).


Fr. Roy Joseph Vadakkan
Secretary & Asst. Manager
Jyothi Engineering College
Fr. ROY V.J.
Secretary
Thrissur Educational Trust
Jyothi Hills, Vettikkattiri, Cheruthuruthy
Thrissur - 679 531




Director
Jubilee Mission Medical College & R.I.
Thrissur - 5 Kerala
Fr. Francis Pallikunnath
Director
Jubilee Mission Medical College
& Research Institute

Copy Attested


Dr. JOSE CHERATTIL
Jyothi Engineering College
Cheruthuruthy - 679531

Jecc/6/A/7/2015/013



Jyothi

Jyothi Hills, Pappal Jose, Perakkal, P. O., Trichur, Thrissur - 680 017
Approved by AICTE and affiliated to the University of Calicut
www.jyothi.ac.in

College: 680 017, 680 017
Jyothi Engineering College
Trichur, Thrissur

The Memorandum of Undertaking between Jyothi Engineering and Jubilee Mission Medical College and Research Institute

PARTIES

Jyothi Engineering College is an educational institution offering professional engineering courses leading to B.Tech and M.Tech degrees awarded by the University of Calicut. Jubilee Mission Medical College and Research Center is likewise a hospital and medical research center under the arch Diocese of Thrissur. Both institutions have the common aim of serving the public in their respective fields.

PERIOD OF AGREEMENT

This Memorandum of Understanding is between Jyothi Engineering College Cheruthuruthy, Thrissur, Kerala and Jubilee Mission Medical College and Research Institute, Thrissur, Kerala. It is effective upon signing and shall remain in effect until termination by either party with 30 day written notice.

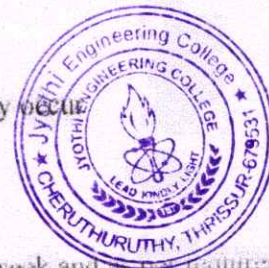
DISTRIBUTION OF FUNCTIONS

In view of the common objective, both institutions agree on the following distribution of functions:

1. A doctor from Jubilee Mission Hospital will visit Jyothi Engineering College once in a week, and more if any medical emergency arises.
2. Jyothi Engineering College will provide all the basic medical requirements for a doctor to function on the premises. These will include
 - *medical supplies
 - *nurse on the premises
 - *Travel facilities for the doctor
 - *The college will bear any monetary involvement that may occur

Jubilee Mission Medical College will agree to

- *Start a PHC (Primary Health Centre) in the JEC campus
- *Provide the services of doctors in the campus once in a week and as per requirement
- *The doctor shall normally be from the Department of Community Medicine
- *Agree to undertake cases referred to, by the medical practitioner visiting the college



A CENTRE OF HIGHER LEARNING BY ARCHDIOCESE OF TRICHUR

True Copy Attested
Dr. Jose P. Thiruvalla
Principal
Jyothi Engineering College
Cheruthuruthy - 679931



Jyothi Engineering College

Jyothi Hills, Panaji Road, Venkaidathu, P. O. Cheralathur, Trichur 679571
(Approved by AICTE and affiliated to the University of Calicut)
www.jyothi.ac.in

College: 04664 22477
23442 27457 274875
Fax: 04664 22477
E-mail: jec@jyothi.ac.in

*Provide ambulance service in the JEC campus, which is stationed in the JEC campus and JEC is authorised to operate it.

REPORTING/ RECORDKEEPING

Jyothi Engineering College and Jubilee Mission Medical College Hospital and Research Institute will maintain documentation of service orders and service provision by client and by service worker.

CONFIDENTIALITY

Jyothi Engineering College and Jubilee Mission Medical College and Research Institute each shall safeguard the use of and access to information regarding individuals or families, to which either agency is providing or arranging for service. Jyothi Engineering College and Jubilee Mission Medical College and Research Institute agree not to use or release any reports, data, or other information identifying applicants or persons, except with the approval of such applicant or person served and in accordance with the rules and regulations of Jyothi Engineering College and Jubilee Mission Medical College and Research Institute and where applicable, state laws and regulations. Such information shall be used only to assure proper administration, planning, coordination and monitoring of performance under this Agreement, and to permit the transfer of client records to another agency for the purpose of continuing services, with appropriate release from the client or the client's guardian, and for research purposes.

PUBLICITY

The parties mutually agree not to use the name of the other in publicity or non-service connections without permission.

PROCEDURE FOR RESOLVING DISPUTES

In the event of a dispute, difference of interpretation, or appeal of a decision regarding the terms and/or conditions of this agreement, settlement shall first be sought in the monthly meeting between the case management supervisor of Jyothi Engineering College and the director of community services of Jubilee Mission Medical College and research Institute. If settlement cannot be reached, the issue shall then be presented to the executives of the two agencies for joint resolution by them.

AMENDMENT



A CENTRE OF HIGHER LEARNING BY THE ARCHDIOCESE OF TRICHER

True Copy Attested
Jeral
Dr. JOSE P. MATHERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



Jyothi Engineering College

Jyothi Hills, Panjal Road, Vettikkattiri P. O., Cheruthuruthy, Thrissur-679 531
(Approved by AICTE and affiliated to the University of Calicut)
www.jecc.ac.in

College : 04884 - 274 96, 244777
274423 274878, 274879
Fax : 04884-274777
E-mail : info@jecc.ac.in

This Memorandum of Understanding may be amended on the initiative of either party by submitting a proposed amendment in writing to the other party and agreement of that party to the amendment.

MISCELLANEOUS


This Agreement represents the final and complete understanding of the parties and supersedes all prior oral and written understandings concerning the subject matter of this Agreement. No amendment of this Agreement is valid unless in writing and signed by the parties. No waiver of any term or condition of this Agreement or any part of it shall be deemed a waiver of any other term or condition or of any later breach of this Agreement or any part of it. This Agreement will be binding on and inure to the benefit of the parties to the Agreement and their respective successors and permitted assigns, Company may not assign this Agreement, including assigning, delegating or subcontracting any of Company's obligations under it, without Jubilee Mission Medical College and Research Institute's prior written consent, which may be withheld in the Jubilee Mission Medical College and Research Institute's sole discretion. This Agreement may be executed in a number of counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument.

APPLICABLE LAW

The parties agree that this Agreement is governed by the law of the State of Kerala applicable to contracts made and performed there without regard to its conflicts of laws provisions, and that any dispute relating to this Agreement will be brought only in the state courts in the State of Kerala. The party's consent to the jurisdiction of those courts and waive all motions based on forum non convenience or otherwise.

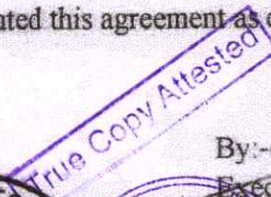
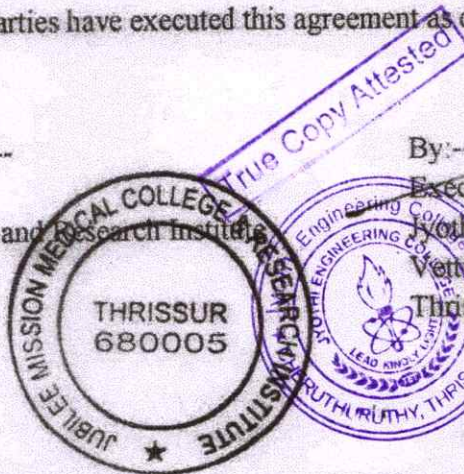
Any changes to this contract are not valid until initialed by both parties.

IN WITNESS WHEREOF, the parties have executed this agreement as of the Effective Date

By: 
Director,
Jubilee Mission Medical College and Research Institute
P.B.No.737
Thrissur-680005

By: 
Executive Manager
Jyothi Engineering College
Vettikkattiri P O
Thrissur-679531

Date : 20.11.2015



EXECUTIVE MANAGER
Jyothi Engineering College
Cheruthuruthy, Thrissur-679 531

A CENTRE OF HIGHER LEARNING BY ARCHDIOCESE OF TRICHUR





**Cracow University
of Technology**

AGREEMENT on COOPERATION

signed on

25 January 2023

between

Cracow University of Technology (CUT)

located in

31-155 Cracow, 24 Warszawska Street, Poland

represented by

**Vice-Rector for Education and International Cooperation
Dr hab. inż. Jerzy Zajac, prof. PK**

and

Jyothi Engineering College (JECC)

located in

Jyothi hills, Vettikatti, Thrissur Dt, Kerala, India

represented by

**Rev. Dr. Jose Kannampuzha,
Director, Jyothi Engineering College**

True Copy Attested

The parties hereby agree to promote the academic exchange and develop activities of mutual interest in accordance with their respective needs and objectives and shall, by joint agreement, determine the areas and subject of such cooperation.

Cracow University of Technology and the Jyothi Engineering College agree upon the following principles of cooperation:

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 675 301

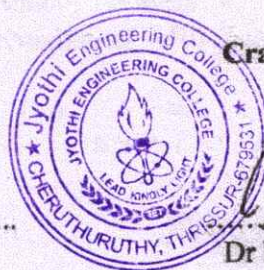


**Cracow University
of Technology**

1. Both institutions shall promote the exchange of information on their educational programs, research activities and areas of potential mutual research cooperation. Both institutions will promote the exchange of faculty and students.
2. Both parties agree to collaborate in the following relevant areas:
 - a) Exchange of students;
 - b) Exchange of faculty and staff;
 - c) Joint research activities, publications;
 - d) Joint conferences, seminars, workshop, and meetings.
3. In the event that specific exchanges of faculty, staff and students or research projects are identified, this is to be determined through a separate Appendix or Annex to this Agreement, which is to be written and signed by both parties.
4. This agreement shall remain in force for 5 years from the date of the last signature, with the understanding that it may be terminated by either party giving 6-month prior notice to the other party in writing.
5. Both universities may at any time review this Agreement and the actions taken under it. Modifications to this this agreement can be made only in writing by mutual consent.
6. This Agreement has been written in the English language signed by both parties.
7. Coordinator of this Agreement at Cracow University of Technology is: Małgorzata Paiak (e-mail: malgorzata.paiak@pk.edu.pl).
8. Coordinator of this Agreement at Jyothi Engineering College is: Dr. C. Karthik (e-mail: karthikc@jecc.ac.in).

Jyothi Engineering College

Rev. Dr. Jose Kannampuzha
Director



Cracow University of Technology

True Copy Attested

Dr hab. inż. Jerzy Zajac, prof. PK
Vice – Rector for Education
and International Cooperation



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 695031



Cracow University
of Technology

APPENDIX 1 TO THE AGREEMENT OF COOPERATION

signed on 25 January 2023

I COOPERATION IN THE EXCHANGE OF STUDENTS

A. Principles

1. The student exchange will be on a one-to-one basis. The number of students being exchanged will be limited to two (2) students per semester, unless previously discussed by mutual consent.
2. Exchange students shall remain enrolled and pay tuition and fees at their home institution. They shall not be charged for application, tuition and related fees at the host institution.

B. Language Requirements

1. All students from the Jyothi Engineering College attending CUT must have a certificate of English language skills (at least B2 level) or a certificate issued by CUT Foreign Languages Centre after passing an English language verification exam (more info at <http://iro.pk.edu.pl/documents-certifying-knowledge-of-the-english-language/>) - applicable to students whose mother tongue is NOT English and those who do not pursue their studies in English as a language of instruction at home university.
2. CUT students attending Jyothi Engineering College do not require a certificate of English language skills.

C. Administration of the Student Exchange

1. The students participating in the exchange program under the terms of this Agreement shall be selected initially by the home institution, and the host institution shall make the final admission decision in each case.
2. Student must comply with all admission requirements set by both institutions in order to proceed with the exchange.
3. Both institutions reserve the right to reject any nomination for the exchange if the nominee fails to meet the standards of admission (including proficiency in the appropriate language(s)) as set by the host institution.
4. The CUT and Jyothi Engineering College will ensure that the number of students participating in the exchange shall be in balance over a period of three (3) years.
5. Exchange students have equal rights as home students, they are subject to the rules and regulations of the host institution during their sojourn at the host institution.
6. Nominations of students and all relevant application papers for the exchange should be submitted to Principal office, Jyothi Engineering College by 1st July for semester 2 (late November- late January).
7. Nominations of students and all relevant application papers for the exchange should be submitted to CUT International Relations Office by 10th May for Semester 1 (October – mid-February) and by 10th November for Semester 2 (late February – late June).

True Copy Attested

Joseph Therattil
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



**Cracow University
of Technology**

D. Responsibility of the Institutions

1. Both institutions agree in providing the following:
 - a) The necessary documents to obtain the visa required to the students.
 - b) Orientation material before the departure to destination and after the arrival of the students to the host institution.
 - c) Orientation in academic affairs.
 - d) The official transcript of the modules taken up by each student (once the exchange period concludes).

E. Student Obligations

1. Exchange students are responsible for providing their own transportation and accommodation.
2. Exchange students are responsible for their financial support, and the host institution bears no responsibility for providing funding to an exchange student for any purpose.
3. Each exchange student is responsible for taking out a health insurance according to the national or institutional rules of the host institution.
4. All credits taken at the host institution will be considered applicable to that of the home university. All credits/academic work taken at the host institution may not be later credited to a degree offered by the host institution. It is understood that all students participating in the exchange program will be ineligible for a degree from the host institution during their sojourn.

F. Duration

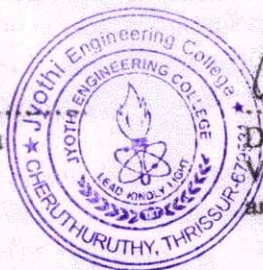
All student exchanges shall normally be for either one (1) regular academic term or a maximum of one (1) regular academic year.

II REVISION AND TERMINATION

1. This Appendix shall enter into force on the date of its signing by both institutions and shall remain in force during the same period as the original agreement.
2. In the event of termination, obligations and commitments already agreed upon shall be honored and continued by the parties until full completion.

Jyothi Engineering College

Rev. Dr. Jose Kannampuzha
Director



Cracow University of Technology

Dr. hab. inż. Jerzy Zajac, prof. PK
Vice - Rector for Education
and International Cooperation



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Dr. JOSE P. THOMAS
Principal
Jyothi Engineering College
Cherturuthy, Thrissur

Vice Rector of CUT or PK and International Co-operation

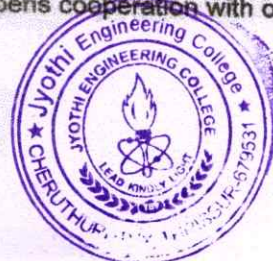
Prof. Jarek Zajac, Head of International Relations Office Mrs Katarzyna
Baron-Lisakiewicz, Prof Adam Słota, department of Engg and Production
Automation, from CUT. Prof Dr Uthayakumar Kalasalingam
**About Cracow University of Technology (Politechnika
Krakowska)** For Thomas, Ponnusai, Rajesh

Cracow University of Technology (PK) is an autonomous state university founded in 1945, reporting to the Polish Ministry of Science and Higher Education. PK is one of the best technical universities in Poland. It is ranked in the following international rankings:

- Shanghai Ranking's Global Ranking of Academic Subjects 2019 – Mechanical Engineering (#301 – 400)
- QS World University Rankings
- 2019 QS World University Ranking (#801-1000)
- 2020 Emerging Europe and Central Asia University Rankings (#79)
- The Three University Missions Ranking 2019 (#1001 – 1100)
- UI GreenMetric World University Ranking 2018 (#572)

Cracow University of Technology consists of 8 faculties (departments) offering 30 degree programmes (including 12 offered in English) for nearly 13 thousand students taught by over 1100 academic staff. The 8 CUT faculties (departments) are: Faculty of Architecture; Faculty of Computer Science and Telecommunications; Faculty of Electrical and Computer Engineering; Faculty of Civil Engineering; Faculty of Environmental and Power Engineering; Faculty of Chemical Engineering and Technology; Faculty of Materials Engineering and Physics, Faculty of Mechanical Engineering. The degree programmes offered in English include: Architecture (1st and 2nd degree); Applied Physics (2nd degree); Chemical Technology (2nd degree); Civil Engineering (1st and 2nd degree); Computer Science (2nd degree); Environmental Engineering (2nd degree); Landscape Architecture (2nd degree); Mechanics and Machine Design (1st and 2nd degree); Power Engineering (2nd degree). All degree programmes offered by PK are accredited by the Polish Accreditation Committee. Moreover CUT earned the following international accreditations: Royal Institute of British Architects; European Network for Accreditation of Engineering Education; IFLA Europe - International Federation of Landscape Architects. Cracow University of Technology cooperates with more than 200 universities and research institutions from 54 countries. It carries out numerous international and national research projects and extraordinary faculty and students' inventions are recognized in national and international contests. There are Technology Transfer Centre and numerous accredited laboratories at the university including the Malopolska Laboratory for Energy Efficient Building which is situated in the most modern and zero emission building in Europe.

Cracow University of Technology draws on both rich academic traditions, as well and the experiences and achievements of its patron Tadeusz Kosciuszko. By respecting these values, it serves the public and the economy by conducting scientific research and using the latest achievements of science and technology to educate highly qualified engineering and scientific personnel. Based on respect dignity and human rights, respecting freedom in pursuit of truth, respect for knowledge and skills and openness to new ideas and diversity of views, Cracow University of Technology aims to ensure the highest standards in education and research, and cares for development its research base. It deepens cooperation with other universities and the



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Dr. JOSE P. THEERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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business environment, supporting entrepreneurship, innovation and technology transfer. Cracow University of Technology realizes its goals through care for the comprehensive development of the entire academic community. Its ambition is to take a significant place among Polish, European and world universities.

University information

Total students 12,894		PG students 18%
UG students 83%	Tuition fee and scholarships	Total faculty staff 1,044
PG students 17%	International students 256	Domestic staff 99%
	UG students 82%	Int'l staff 1%

One of the important factors when considering a master's degree is the cost of study. Luckily, there are many options available to help students fund their master's programme. Download your copy of the Scholarship Guide to find out which scholarships from around the world could be available to you, and how to apply for them.

Rankings & ratings

Cracow University of Technology (Politechnika Krakowska) is one of the top public universities in Krakow, Poland. It is ranked #801-1000 in QS World University Rankings 2023.

Ranking criteria

- #801-1000
QS World University Rankings
- #401-450
QS WUR Ranking By Subject
- #501+
Graduate Employability Ranking
- #73
EECA University Rankings

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Cracow University of Technology is one of the best public technical universities in Poland with 75-year-long tradition of educating engineers. It is ranked in the following international rankings:

- Shanghai Ranking's Global Ranking of Academic Subjects 2019 – Mechanical Engineering (#301 – 400)
- 2020 Emerging Europe and Central Asia University Rankings (#79)
- The Three University Missions Ranking 2019 (#1001 – 1100)
- UI GreenMetric World University Ranking 2018 (#572)

Cracow University of Technology comprises 8 faculties (departments)



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Architecture		Electrical and Computer Engineering
Chemical Engineering and Technology		Environmental and Power Engineering
Civil Engineering		Materials Engineering and Physics
Computer Science and Telecommunications		Mechanical Engineering
	4.1	Ratio
11.3	Citations per Faculty	36.1
Academic Reputation	2.3	International Research Network
25.2	International Faculty Ratio	6.3
Employer Reputation	2.2	Employment Outcomes
21.4	International Students	
Faculty Student Ratio		

Cracow University of Technology offers numerous English-taught bachelor and master programmes as well as courses. Some programmes are organized along with foreign universities, thus enabling students to earn a double degree. All programmes comply with the national legislation governing university education and are, therefore, recognised globally. Cracow University of Technology is a member of the European University Association (EUA).

Programmes offered by the Faculty of Civil Engineering and Faculty of Architecture are accredited by the European Network for Accreditation of Engineering Education. Moreover the bachelor and master programmes in architecture and landscape architecture are accredited by the Royal Institute of British Architects and the International Federation of Landscape Architects (IFLA) Europe respectively.

Cracow University of Technology was awarded the Logo Human Resources Excellence in Research by the European Commission. The University cooperates with more than 160 international universities and institutes from more than 50 countries. It has a strong 30-year-long cooperation with the European Organization for Nuclear Research (CERN). Researchers from Cracow University of Technology participated in the design and launch of the world's largest scientific instrument, which is the Large Hadron Collider.

Cracow University of Technology has an extensive cooperation with companies such as Microsoft, IBM, NOKIA, Motorola, CISCO, COMARCH, Caterpillar, Delphi or Strabag, and there is a technology transfer centre at the University. Cracow University of Technology's students and alumni find professional jobs in regional, national and global companies.



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 Dr. JOSE P THERATTIL
 Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531



AGREEMENT TO SET UP INDUSTRIAL INNOVATION CENTRE

This agreement for setting up Industrial Innovation Centre ("**Agreement**") is entered into this day of February 23, 2023 by and between:

Unique World Robotics LLC, having its registered office at Unique World Business Center, Hamsah A Building, Ground Floor, Burjuman Metro Exit 2, Al Karama, Dubai; represented by its authorized signatory **Mr. Bansan Thomas George**, Chief Executive Officer (the "**First Party**")

AND

Jyothi Engineering College, ("**College**"), having its registered office at Jyothi Hills, Panjal Road, Cheruthuruthi, 679531; represented by **Fr. Dr. Jose Kannampuzha**, Director (the "**Second Party**")

The First Party and Second Party are individually referred to as (the "**Party**") and collectively as (the "**Parties**") an expression which shall, unless be repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns.

WHEREAS, the First Party is engaged in training, research and development and trading of robotics and other emerging technologies and providing software/hardware support and training for the same.

WHEREAS, the Parties confirms to have full power and authority to enter into this Agreement.

AND WHEREAS, the Second Party is desirous of availing the knowhow and conducting of training programs (the "**Services**") offered by the First Party for the students of the College, nearby schools and other student communities (the "**Student(s)**"), by setting up and running an innovation center in the premises of the College ("**Premises**").

The Robotics, AI & Innovation Centre is a STEM.org accredited initiative by the First Party. It primarily aims to educate, engage, empower and enable students from underprivileged communities in future technologies for free. The facility also aims to upskill the students, professionals, and enthusiasts from the college and other institutions by providing various training and development programs.

NOW, THEREFORE, the Parties hereby agree as follows:

+971 56 525 6319

robotics@uniqueworldedu.com

www.uniqueworldrobotics.com

Hamsah A Building. Near Burjuman Metro Exit- 2



Jose
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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1. OBLIGATIONS OF THE FIRST PARTY

The First Party shall:

- set up a functional industrial innovation centre in the premises of the Second Party combining the existing facilities (IIIC & FABLAB) at the premise.
- effectively utilise the IIIC & FABLAB facilities available at the campus by running innovative programs.
- plan and implement the curriculum in STEM educational solutions for various category of students.
- provide the equipment and kits as per the mutually agreed list for the purpose of training.
- supply required consumables and accessories, in required numbers, for running the training program every year.
- assign trained faculties for the successful running of the program as per the curriculum throughout the academic year.
- prepare various training and development programs, their fee structure and execution plan upon informing the Second Party.
- collect the fee related to various programs organised by the innovation centre and provide receipts.
- conduct training and development activities at free of cost for the beneficial of underprivileged children from the nearby areas.
- co-ordinate Digital marketing, Sales, Strategy Building and Operations regarding the innovation centre.
- monitor the daily activities closely and corrective measures offered to ensure optimum output for the students.
- provide visit to the college by expert team of the First Party and discuss with the management, principal, teachers, parents and students to get the feedback and provide better services to satisfy all the stakeholders.
- conduct in-house, inter-college and inter-school robotic competitions.
- provide a Customer Relationship Manager as the Single Point of Contact (SPOC) for all customer queries regarding training and other supports committed at the Premises of the Second Party.



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Principal
Jyothi Engineering College
Cheruthuruthy - 679531

2. OBLIGATIONS OF THE SECOND PARTY

The Second Party shall:

- provide the First Party with the fully furnished space for setting up the industrial innovation centre.
- shall provide access to the equipments and facilities at IIIC & FABLAB at the premise of second party.
- provide fully-furnished & air-conditioned space equipped with high-speed internet, projector or smart boards, cctv, PA systems & other non-technical infra as required. Painting, furnishing & branding (co-branded) to be done as per the design provided by the First Party.
- provide a Single Point of Contact (SPOC) for smooth functioning of training and operations at the Premises of the Second Party.
- provide 5 laptops (i3 processors) exclusively for the innovation centre.
- allow access to the computer lab facility as and when required.
- allow the use of the name and logo of the Second Party for promotions regarding various programs conducted by the First Party in the Premises of the Second Party.
- provide food, transportation and accommodation support for the students from various communities as per mutual agreement.
- provide equal amenities for the trainers and support staff of the First Party as the Second Party would provide for its teachers at the workplace at free of cost.
- include the name and logo of First Party in any advertisements, press releases, announcements or any marketing collaterals involving the mentioning of Industrial Innovation Centre.
- provide logistics & transportation facilities to conduct events and training programs at various schools, colleges and community spaces.
- provide accommodation and parking facilities for the employees of the First Party while at the college at no additional cost.
- provide equal amenities for the management personnel of the First Party as the Second Party would provide for its 'guests' at no additional cost.
- arrange printed & physical marketing collaterals as per the designs provided by First Party - Stickers, Flex boards, Flyers, leaflets etc



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Principal
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Cheruthuruthy - 679531

3. DURATION AND TERMINATION

- The validity of this Agreement is from the date of execution of this Agreement. i.e. from February 23, 2023 until February 23, 2026 and shall be renewed yearly upon mutual agreement.
- Either Party may terminate this Agreement if the other commits a material breach of this Agreement which is not remedied within [30] days of receipt of a notice from the other Party specifying the breach and putting the defaulting Party on notice of the non-defaulting Party's intention to terminate this Agreement with effect from the expiry of the notice period if such breach has not been remedied to its reasonable satisfaction.

4. CONSEQUENCES OF TERMINATION

Upon termination of the agreement, entire lab accessories will be segregated in terms of the investment made in the attached Annexure A and B.

- If the First Party terminates the Agreement, the First Party shall complete any Services being currently undertaken by it; cease access to the Premises upon completion of the said Services effectively; and at its own cost and expense remove any and all of its equipment used for provision of Services at the Premises.
- If the Second Party terminates the Agreement expressly or impliedly, the Second Party is liable to pay the expenses to transfer the equipments owned by First Party to a safe space specified by the First Party with in the country.

5. FORCE MAJEURE

- The obligations of each Party under this Agreement shall be suspended during the period and to the extent that such Party is prevented or hindered from complying therewith by any cause beyond its reasonable control including (insofar as beyond such control but without prejudice to the generality of the foregoing expression) act of God, war, riot, civil commotion, malicious damage, compliance with any law or governmental order, rule, regulation or direction, accident, breakdown of plant or machinery, fire, flood, storm, difficulty or increased expense in obtaining



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Dubai. UAE


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Principal
Jyothi Engineering College
Cheruthuruthy - 679531

workmen materials or transport or other circumstances affecting the supply of goods or of raw materials therefor.

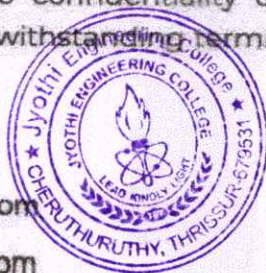
- In the event of either Party being so hindered or prevented such Party shall give notice of suspension as soon as reasonably possible to the other Party stating the date and extent of such suspension and the cause thereof and the omission to give such notice shall forfeit the rights of such Party to claim such suspension.
- Any Party whose obligations have been suspended as aforesaid shall resume the performance of such obligations as soon as reasonably possible after the removal of the cause and shall so notify the other Party. In the event that such cause continues for more than [6 months] either Party may terminate this Agreement on [30] days' notice.

6. CONFIDENTIALITY

Each party hereby undertakes to the other:

- to keep confidential all information of a confidential nature (written or oral) concerning this Agreement and the other Party's business and affairs that it has obtained or received as a result of the discussions leading up to or the entering into or performance of this Agreement ("**Information**");
- not without the other Party's prior written consent disclose the Information in whole or in part to any other person save those of its employees, agents, or consultants involved in the performance of this Agreement;
- to use the Information solely in connection with the implementation of this Agreement and not otherwise for its own benefit or for the benefit of any third party.
- The above Clauses (a) to (c) shall not apply to the whole or any part of the Information to the extent that it can be shown by the Party that the Information are known to the said Party prior to the date of this Agreement and not obtained directly or indirectly from the other Party; or if it is required by
- either Party to disclose the information pursuant to a statutory or legal obligation placed on the Party making the disclosure.
- The obligations as to confidentiality contained in the Agreement shall continue in force notwithstanding termination of this Agreement, however caused.

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Principal
Jyothi Engineering College
Cheruthuruthy - 679531

7. NOTICES

All notices, requests, demands and other communications required or permitted to be given hereunder shall be in writing and given/sent to the appropriate Party by personal delivery or certified mail or email or post or courier to the address first set forth above.

8. INDEMNITY

This Agreement constitutes a contract for the provision of the Services and accordingly the First Party will be fully responsible for and will indemnify the Second Party for and in respect of any liability, deduction, contribution, assessment or claim arising from or made in connection with the performance by the First Party of the Services. The First Party shall further indemnify the Second Party against all reasonable costs and expenses and any penalty, fine or interest incurred or payable by the Second Party in connection with or in consequence of any such liability, deduction, contribution, assessment or claim. The Second Party may at its option satisfy such indemnity (in whole or in part) by way of deduction from the fees or expenses to be paid by the Second Party to the First under this Agreement.

9. GOVERNING LAW

This Agreement shall be governed by, and construed in accordance with, the laws of India and as applicable in India. Any dispute arising out of, or in connection with this Agreement, including any question regarding its existence, validity or termination, or the legal relationships established by this Agreement, shall sought to be mutually resolved between the Parties, failing which it shall be resolved with the exclusive jurisdiction of the Courts in Ernakulam, Kerala.

10. GENERAL

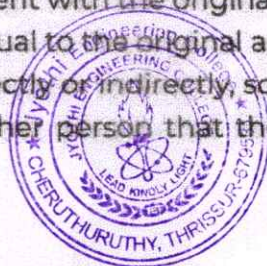
- This agreement is also executed in duplicate and the original copy will remain with the First Party and the other will remain with the Second Party. Each copy of this agreement with the original signatures of both the parties and witnesses shall be equal to the original agreement.
- Either party shall not, directly or indirectly, solicit for employment, or advise or recommend to any other person that they solicit for employment, any

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Principal
Jyothi Engineering College
Cheruthuruthy - 679531



employee of either company (or any subsidiary or affiliate) during the Term and for a term of two years thereafter.

IN WITNESS WHEREOF, THE PARTIES HAVE CAREFULLY READ, UNDERSTOOD AND AGREED TO ALL TERMS & CONDITIONS MENTIONED HEREIN AND SIGNED THIS AGREEMENT, THE DAY AND YEAR FIRST ABOVE WRITTEN.

FOR THE FIRST PARTY

Sign and Stamp

Name: Bansan Thomas George

True Copy Attested

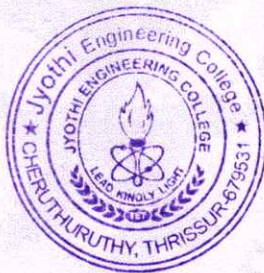
FOR THE SECOND PARTY

Sign and Stamp

Name: Fr. Dr. Jose Kannampuzha

WITNESSES:

- 1.
- 2.



Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) made and executed on this day, Friday, 24 February 2023 between **Jyothi Engineering College**, an educational Institution in Engineering & Technology, located at Jyothi Hills, Vettikattiri Post, Cheruthuruthy, Thrissur (Dist.), Kerala- 679 531 hereinafter called **JECC** and represented by The Executive Manager, Fr. Thomas Kakkasery (which expression shall include its successor and assigns) of the first part:


And

CADD INTERNATIONAL, a company registered and having its Office at 4th Floor- City Centre- Thrissur and represented by Shine K S herein after referred to as **Business Director** (which term shall mean and include, unless repugnant to the context and meaning thereof, its successors, legal representatives and assigns) of the other part

Name

Signature

For JECC

Fr. Thomas Kakkasery


Fr. Thomas Kakkasery

True Copy Attested

For CADD INTERNATIONAL

Shine K S

Shine K S

No. 33276
 Value Rs. 100/-
 Sold to: (Handwritten name)

(Handwritten Malayalam text)

Joseph P Thera
 Principal
 Jyothi Engineering College
 Cheruthuruthy - 679531

And whereas both **JECC & CADD INTERNATIONAL** have agreed to form a 'strategic alliance' for providing an Add-on course to the identified engineering students of **JECC** for mutual benefit.

And whereas, on the faith and strength of such representation and warranty, both **JECC and CADD INTERNATIONAL** have agreed to enter into this MOU as per the mutually agreed clauses as agreed below:

CADD INTERNATIONAL will conduct a job-oriented certificate course in **Revit Architecture** at **JECC** premises for the identified Final Year and pre final year **CIVIL ENGINEERING** students of **JECC**.

1. COURSE DETAILS

- a) The Name of Course will be **Certificate course on Revit Architecture**
- b) The duration of the training will be spread in a span of 3 months, 6 Hrs per day, Total 60 Hours.
- c) The classes will be conducted at mutually convenient dates.

2. RESPONSIBILITIES OF JECC

- a) **JECC** shall appoint a "single point of contact" (SPOC) who will be the coordinator for the course conducted by **CADD INTERNATIONAL**.
- b) **JECC** shall provide the infrastructure (Classroom, computer Lab, LCD projector, Internet connections, power and white Board with marker, etc.) for the course offered by **CADD INTERNATIONAL**.
- c) **JECC** shall be responsible for collection of the fees and payment of the same to **CADD INTERNATIONAL** according to the mutually agreed rate structure.
- d) **JECC** will be providing minimum 12-20 Candidates for a batch of **CADD INTERNATIONAL** for conducting a foresaid course.

3. RESPONSIBILITIES OF CADD INTERNATIONAL

- a) **CADD INTERNATIONAL** shall deliver the complete course as per the syllabus submitted along with their proposal which is mutually agreed by **JECC** and **CADD INTERNATIONAL**.
- b) It shall depute the required resource persons for the course.
- c) It shall inform in advance and get the sanction from **JECC** for any change in resource persons.
- d) It shall supply all the necessary courseware (software) to the students.
- e) It shall conduct the course in accordance with college timings. If any change or extension in **CADD INTERNATIONAL** class timing is required, the same shall be approved by **JECC**.

For JECC

Name: *R. Mohan Krishna*

Signature

R. Mohan Krishna

Signature

Joseph

Dr. JOSE P THERATTIL
Principal
Engineering College
70531



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5. FEES STRUCTURE AND MODE OF PAYMENT

- 1) The course fee is mutually agreed as **Rs.12,000/-** per candidate. (Rupees Twelve Thousand Only Inclusive of all taxes applicable).

The fees will be PAID to CADD INTERNATIONAL in instalments as mentioned below:

- 1st Installment : In the 1st week of the course (25% of the Fee)
- 2nd Installment : On 50% completion of Syllabus (25% of the Fee)
- 3rd Installment : On 75% completion of Syllabus (30% of the Fee)
- 4th Installment : On completion of the entire course (10% of the Fee)
- 5th Installment : After completing the clause #4 of this MOU along with the certificate distribution (Final 10% of the fee)

- 2) The mode of payment will be as cash

6. DURATION

MOU will be valid for 3 years from the date of execution.

7. CONFIDENTIALITY

Both the parties hereby agree to maintain such information as relating to methods, trade, secrets, ideas, products, services, process, techniques and other proprietary information in strict confidence and not to divulge these to any third party without the express written consent of the other party except as may be necessary in the course fulfilling mutual responsibilities in this MOU. Both the parties shall ensure that their employees also maintain confidentiality of any information under this MOU.

8. TERMINATIONS OF THE MOU

Each Party shall have the right to terminate this MOU by a prior notice of 30 days in writing to the other party upon the occurrence of the following event

If either party commits any willful breach of any term stipulated in this agreement and has failed to rectify the same within a notice period of 30 days, the MOU will be terminated. The parties shall be responsible for completing the course for the students who have already enrolled before the termination of the MOU.

For JECC

Name: *L. Monishakrishnan*

For CADD INTERNATIONAL

Name: *SHINEKS*

Signature

Signature

Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
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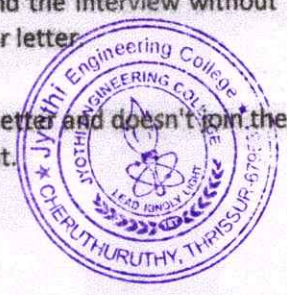
- f) It shall design, conduct and grade the assignment and examination during the course.
- g) It may bring into the notice about any disciplinary issues, if any, from students during the course to the JECC's SPOC.
- h) It shall ensure that the infrastructure provided by JECC (Like Lab, LCD Projector, etc.) is intact during the course. In case of any issues, the same should be brought to the notice of the JECC authorities immediately.
- i) It must take the responsibility to place 100% students of JECC in Civil engineering core firms of repute.
- j) Successful Candidates of the Course will be awarded with a certification of **CADD INTERNATIONAL - DUBAI** which is an **AUTODESK** authorized training center.

4. PLACEMENTS

CADD INTERNATIONAL guarantees placements to 100 % of the eligible students who have paid full fees, completed the course, successfully submitted 5 projects and have minimum pass marks in the test conducted by **CADD INTERNATIONAL** and recommended by the college Authorities.

- Location of placements: for all candidates anywhere in India & for eligible candidates, abroad.
- Nature of Job: BIM related jobs in civil engineering core firms of repute.
- Starting Salary: The starting Salary and allowances of the candidates who will be placed by **CADD INTERNATIONAL** will be as per industry standards depending on the place of posting, firm, etc.
- Process: **CADD INTERNATIONAL** will arrange interviews, which will be informed in advance. The students will have to attend the interview without fail. Interviews will be arranged till the candidates get the first offer letter.
- In case a student gets an offer letter and doesn't join the concerned company, the same will be considered as one placement.

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For JECC

Name: *d. J. Manoj Kumar*

Signature

Manoj Kumar

For CADD INTERNATIONAL

Name: SHINE. K.S.

Signature

Jose P. Cheruthy

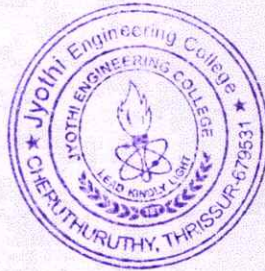
Dr. JOSE P. CHERUTHY
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

In WITNESS WHERE OF The parties hereto have executed this MOU on the Friday, 24 February 2023

Jyothi Engineering college, Cheruthuruthy, Thrissur(JECC)	For CADD INTERNATIONAL
Signature <i>A. Moovans Kalhannay</i>	Signature <i>[Handwritten Signature]</i>
Name of Authorised Signatory: <i>A. Moovans Kalhannay</i>	Name of Authorised Signatory: <i>S H WICKES</i>
Date:	Date:



True Copy Attested



[Handwritten Signature]
Dr. JOSE P THERATTIL
Principal
Jyothi Engineering College
Cheruthuruthy - 679531



കേരളം കേരल KERALA

CN 912651

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 25th day of January 2020 between the

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Jyothi Engineering College
NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University
 A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR
 JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91-4884-259000, 274423 FAX : 04884-274777
NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

&



Door No: XIV/968 & 969, Kalarickal Building, NH Bye Pass, Chandranagar, Palakkad

[Signature]

Dr. Jarin T.
 Associate Professor & Head
 Department of EEE, JECC

[Signature]

Fr. (Dr.) Jaison Paul Mulerikkal
 Principal
 Jyothi Engineering College

[Signature]

Mr. Sajeev Kumar K.
 Managing Director,
 Sinelab Technologies Pvt. Ltd.

No : 3476
 Value. Rs: 100/-
 Sold to :
 N. Ramachandran 19.12.19
 Stamp Vendor

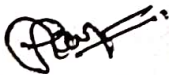
ഓട്ടോമറ്റിംഗ് മെക്കാനിക്കൽ എൻജിനീയറിംഗ് ഡിപാർട്ട്മെന്റ്, കേരള എൻജിനീയറിംഗ് കോളേജ്, പാലക്കാട്

[Signature]



*Now, the parties hereby agree to work jointly on the following activities
for 10 years w.e.f 25/01/2020*

1. To identify and facilitate guest lectures, interactive workshops, conferences, seminars, brainstorming sessions, technical discussions with members of Industry at regular intervals.
2. To identify Technical problems faced by Industry and converting them into final year projects for the students with active supervision by the Faculty in charge.
3. To identify opportunities for student Internships and Apprenticeships preferably during vacation time.
4. To conduct industrial training, orientation courses, industrial visits, etc. for faculty members and students at regular intervals.
5. To facilitate professionals from industry to work as a visiting faculty in institutions and short or long period deployment of faculty members from industry for gaining industrial experience and/or work on projects in industry.
6. To seek and associate experts from industry in curriculum development and review.
7. To identify continuing education opportunities, short term programs and training needs of industry, which the institution can provide.



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Associate Professor & Head
Department of EEE, JECC



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Principal
Jyothi Engineering College



Mr. Sajeev Kumar K.
Managing Director,
Sinelab Technologies Pvt. Ltd.

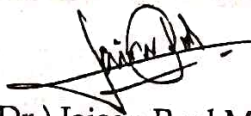


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Department of EEE, JECC



Fr. (Dr.) Jaison Paul Mulerikkal
Principal
Jyothi Engineering College



Mr. Sunil Joseph
Director,
M/S Sark Cables (P) LTD.





കേരളം കേരल KERALA

CN 612223

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 12th day of

February 2020 between the

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Jyothi Engineering College

NAAC Accredited College with NER Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS VETRIKATTIRI P.O. CHERUTHURUTHY THRISSUR PIN: 679531 PH: +91 4884 259000 274423 FAX: 04884 274777

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&



ResiTech Electricals

Industrial Development Area, Erumathala, Aluva - 683 112

Jarin T.
12/02/2020

Dr. Jarin T.

Associate Professor & Head
Department of EEE, JECC

Jaison Paul Mulerikkal

Fr. (Dr.) Jaison Paul Mulerikkal
Principal
Jyothi Engineering College

Lekha Balachandran

Ms. Lekha Balachandran
Managing Director,
M/S ResiTech Electricals.

No

Value. Rs: 100/-

Sold to :

H. Ramachandran

Stamp Vendor

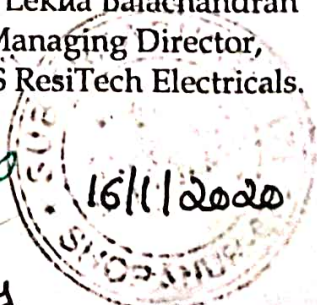
Shoranur

Jyothi Engineering

college cheruthuruthy

23.1.2020

16/1/2020



Now, the parties hereby agree to work jointly on the following activities
for 5 years w.e.f 12/02/2020

1. To identify and facilitate guest lectures, interactive workshops, conferences, seminars, brainstorming sessions, technical discussions with members of Industry at regular intervals.
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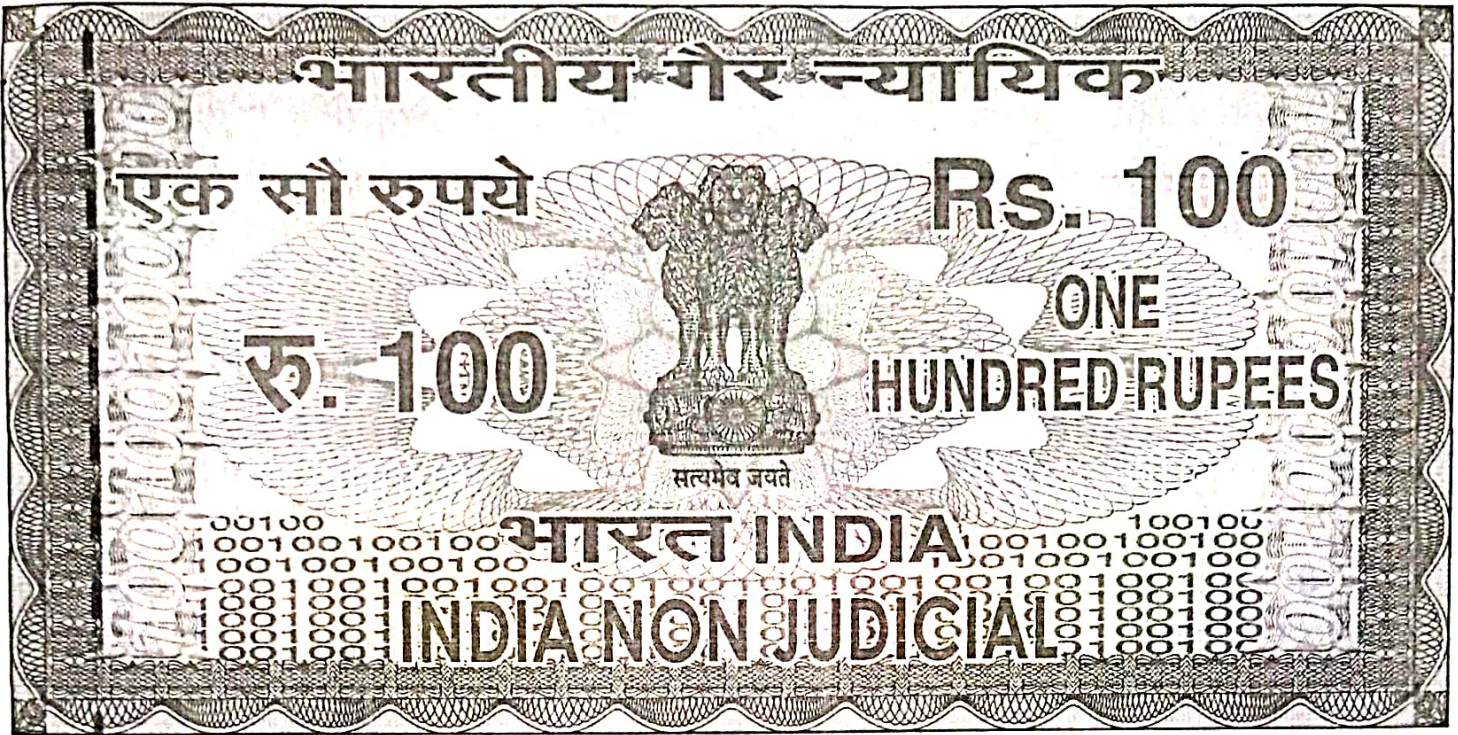


Fr. (Dr.) Jaison Paul Mulerikkal
Principal
Jyothi Engineering College



Ms. Lekha Balachandran
Managing Director,
M/S ResiTech Electricals.





കേരളം കേരल KERALA

CN 912653

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 06th day of February 2020 between the
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Jyothi Engineering College
NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University
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Hykon
 Powering the Nation

Hykon House, Ikkandawarrier Road, Thrissur, Kerala, India - 680001

[Signature]

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 Associate Professor & Head
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[Signature]

Fr. (Dr.) Jaison Paul Mulerikkal
 Principal
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[Signature]
 Mr. Christo George
 Chairman & Director,
 Hykon Group of Companies


No. 19478
 Value. Rs: 100/-
 Sold to :
 N. Ramachandran
 Stamp Vendor
 Cheranur


ഇദ്ദേഹി മൗലികമായിട്ട് കൈമാറ്റം ചെയ്തതായി, വാങ്ങിയതായി

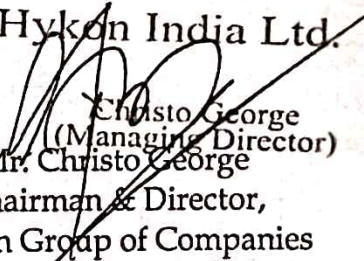


Now, the parties hereby agree to work jointly on the following activities
for 10 years w.e.f 06/02/2020

1. To identify and facilitate guest lectures, interactive workshops, conferences, seminars, brainstorming sessions, technical discussions with members of Industry at regular intervals.
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Mr. Christo George
(Managing Director)
Chairman & Director,
Hykon Group of Companies



