



3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

E-COPIES OF MOU'S

Sl. No.	Name of the institution/ industry/ corporate house with which MoU is signed	Year of signing MoU	Duration	Pg. No.
1	Jubilee Mission Medical College Medical Centre	2015	10 year	2
2	i2a Architects Studio	2017	5 year	3
3	Thekkumkara Gramapanchayath Wadakkanjery	2017	5 year	4
4	Cambridge Assessment English, University of Cambridge Local Examinations Syndicate of The Triangle Building, Shaftesbury Road, Cambridge, CB2 8EA, UK	2018	6 year	6
5	Jubilee Mission Medical College Research Collaboration	2018	10 year	9
6	Yuvakshetra institute of management College	2020	3 year	13
7	NINTRIVA TECHNOLOGY SOLUTIONS	2020	3 Years	17
8	TRIAXIA Infotech Private Limited	2020	3 year	19
9	M-Lights	2020	10 year	21
10	Sark Cables	2020	10 year	23
11	Christ University	2020	2 years	25
12	Indventr	2020	3 years	27
13	Pelita banhasa university	2020	3 year	32
14	ADAMS Energy	2022	1 Year	35
15	Kerala Deveelopment and Innovation strategic Council	2021	3 Years	37
16	Sea Blue Shipyard	2020	5 Years	42
17	JM Industries	2020	5 Years	44



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BV 080342

FIRST AMENDMENT TO MEMORANDUM OF UNDERSTANDING

Amongst
Jubilee Mission Medical College & Research Institute
 and

Jyothi Engineering College, Cheruthuruthy

Date: 11-09-2019

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 20 November, 2015.

Statement of Initiative: The purpose of this initiative is to extend medicare services to both staff and students of JECC. This extended activity of our current agreement will enhance to serve the public in their concerned necessities.

Objectives:

1. The amendment is entered for the purpose of promoting the institutional goal of both parties and to establish a relationship and cooperation for promoting mutual understanding and staff exchange.
2. The amendment agreed to provide formal mentoring programs to JECC students to enhance an opportunity to students in their personal growth and career development, decision making, and to practise professional networking skills.

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

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

Fr. Francis Pallikunnath
 Director
 Jubilee Mission Medical College
 & Research Institute

Director
 Jubilee Mission Medical College & R. I.
 Thrissur - 6, Kerala



No Value. Rs: 50/-

Sold to

N. Ramachandran
 Stamp Vendor
 Shoranur

Jyothi Engineering college cheruthuruthy 29.7.19

MEMORANDUM OF UNDERSTANDING

Between
Department of Civil Engineering, Jyothi Engineering College, Cheruthuruthy
 and
i2a Architects Studio

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:

- Invited Talk
- Industrial Visit
- Internship for students
- 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 i2a Architects Studio. 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 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

Principal

Jyothi Engg. College
Cheruthuruthy, Pin-679 531

Place:

Date:

Signed on behalf of

i2a Architects Studio

Place: Thrissur

Date: 10.08.2017



Dr. **SUNNY JOSEPH KALAYATHANKAL**
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.-679 531

MEMORANDUM OF UNDERSTANDING

Between

Department of Civil Engineering, Jyothi Engineering College, Cheruthurathy

and

Thekkumkara Gramapanchayth Wadakkanchery

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:

- Technical support from Jyothi Engineering College
- Opportunity to students interacting with community and involving projects
- Facility for visiting the projects in gaining professional knowledge
- Any other mutually agreed activities in professional interest

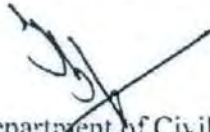
Duration

This MoU is at-will and may be modified by mutual consent of authorized officials from JECC and Thekkumkara Grama Panchayat. 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 agreement by the authorized officials from parties this MoU shall end on completion of 5 years.

True Copy Attested


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthurathy

Signed on behalf of JECC



HOD, Department of Civil Engg.



Principal
Jyothi Engg. College
Cheruthuruthy, Pin-679 531

Place:

Date: 16/8/2017



Signed on behalf of



എ. കെ. ശ്രീജ
പ്രസിഡന്റ്
തെക്കുകര ഗ്രാമപഞ്ചായത്ത്
പുനംപറമ്പ്, തെക്കുകര (P.O.),
പിൻ 680 589

Thekkumkara Grama Panchayat



Place:

Date:



Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

True Copy Attested



Cambridge Assessment
English



Cambridge Assessment English

and

Trichur Educational Trust

Centre Agreement

Centre Number: IA014

True Copy Attested

Sunny
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

THIS AGREEMENT is made on

25 October 2018

("Commencement Date")

BETWEEN:

- (1) **Cambridge Assessment English ("Cambridge Assessment English")**, a department of the University of Cambridge Local Examinations Syndicate of The Triangle Building, Shaftesbury Road, Cambridge, CB2 8EA, UK ("**UCLES**") where UCLES acts for and on behalf of The Chancellor, Masters and Scholars of the University of Cambridge;

AND

- (2) **Trichur Educational Trust (the "Centre")**, of **Jyothi Engineering College, Cheruthuruthy, Thrissur, Kerala, 679531, India**, Company Registration No. **277/IV/2000**

Centre Number: IA014

(each a "**Party**" and together, "**the Parties**").

The Parties agree:

1 DEFINITIONS AND INTERPRETATION

- 1.1 In this agreement (the "**Agreement**") the following words and phrases have the meanings given below:

" Action Plan "	means the document the Centre is required to provide to Cambridge Assessment English detailing how and when it will put right any faults noted during an Inspection or Audit;
" Additional Administrative Centre Number "	means an extra centre number issued for specific reasons, as set out in clause 4.1.3;
" Audit "	means the check carried out on non-Qualification days, observing a Centre's compliance with any or all of the regulations. An Audit will normally be carried out at the Centre Premises and normally arranged in advance;
" Business Day "	means a day on which the banks are open for business in England;
" Cambridge Assessment English Authorised Exam Centre " or " Centre "	means an institution approved by Cambridge Assessment English to offer one or more of Cambridge Assessment English's Cambridge English Qualifications and/or Cambridge English Teaching (together " Qualifications ");

True Copy Attested

Dr. **SUNNY JOSEPH KALAYATHANKAL**
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College
Cheruthuruthy P.O - 679 531

22.2 Any notice served by electronic transmission shall be deemed to have been served on the day following its transmission and any notice served by post shall be deemed to have been served 7 (seven) days after posting.

22.3 Any notice, instrument, certificate or other communication given under or in connection with this Agreement shall be in the English language, or accompanied by a certified English translation. If such notice, instrument, certificate or other communication is translated into any other language, the English language text shall prevail.

23 INTERPRETATION

23.1 The Centre has reviewed the terms of this Agreement carefully, and has had the opportunity to take independent legal advice.

THIS AGREEMENT has been entered into on the Commencement Date stated at the beginning of it.

Signed by:

Signed by:

DocuSigned by:
Andrew Page
018777E5D93C48C...

DocuSigned by:
Fr. Roy V.I.
3E5A49D2E2684A5...

For and on behalf of

For and on behalf of

Cambridge Assessment English

Trichur Educational Trust

Andrew Page

Print name: Fr. Roy V.I.

Director of Customer Services

Position: Secretary

Date: 25 October 2018

Date: 25 October 2018

True Copy Attested

Sunny Joseph Kalayathankal
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531



Jyothi Engineering College

NAAAC 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 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

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)

PRINCIPAL www.jecc.ac.in | Email: info@jecc.ac.in



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



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


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College

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

*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.



Jyothi Engineering College

NAC 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



MISCELLANEOUS

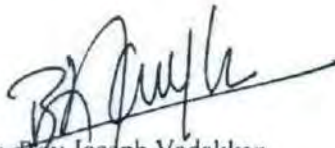
This Agreement represents the final and complete understanding of the parties and supersedes all prior oral and written understandings concerning the subject matter of this Agreement. No amendment of this Agreement is valid unless in writing and signed by the parties. No waiver of any term or condition 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

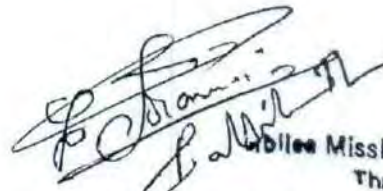
The parties agree that this Agreement is governed by the law of the State of Kerala applicable to contracts made and performed there without regard to its conflicts of laws provisions, and that any dispute relating to this Agreement will be brought only in the state courts in the State of Kerala.

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.I.
Secretary
Thrissur Educational Trust
Jyothi Hills, Vettiikkattiri, Cheruthuruthy
Thrissur - 679 531


Fr. Francis Pallikunnath
Director
Jubilee Mission Medical College
& Research Institute

Director
Jubilee Mission Medical College & R.I.
Thrissur - 5 Kerala

True Copy Attested


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)

PRINCIPAL

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

*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.

Cheruthuruthy P.O. - 679 531



കേരളം കേരल KERALA

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.

Dr. SUNNY JOSEPH KALAYATHANKAL

Ph.D (Maths)
PRINCIPAL

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

Director
Jubilee Mission Medical College & Research Institute - 5, Kerala

Fr. ROY V.I.
Secretary

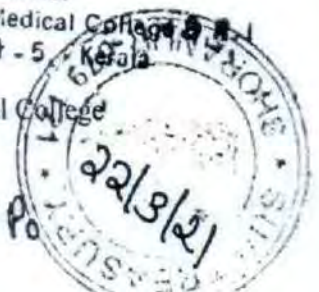
No 4528
Value. Rs: 100

Sold to : Thiruvananthapuram

Ramachandran

Thiruvananthapuram Educational Trust
Jyothi Hills, Vellore, Cheruthuruthy,
Thiruvananthapuram - 679 531

Sunny Vetti Kalayathankal Po



भारतीय गैर न्यायिक

पचास
रुपये
₹. 50



FIFTY
RUPEES
Rs. 50

INDIA NON JUDICIAL

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BZ 637889

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

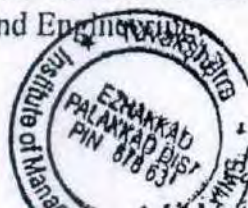
This memorandum of understanding (herein after referred to as MoU) is made on 12th August, 2020 between Yuvakshetra Institute of Management Studies, Ezhakkad, Mundur, Palakkad-678631 (herein after referred to as first party) and Jyothi Engineering College, Cheruthuruthy, Thrissur-679531 (herein after 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.

True Copy Attested

Principal
Yuvakshetra Institute of Management Studies



SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

Principal
Jyothi Engineering College

भारतीय गैर न्यायिक

पचास
रुपये
₹.50



FIFTY
RUPEES
Rs.50

INDIA NON JUDICIAL

കേരളം KERALA

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

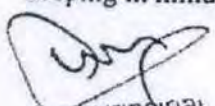
Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

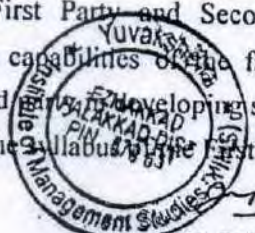
The co-operation between First Party and Second Party will facilitate effective utilization of the intellectual capabilities of the faculty of Second Party providing significant inputs to the Second Party in developing suitable teaching / training systems, keeping in mind the needs of the First Party.

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D.(Computer Science (Mans))


PRINCIPAL
Engineering College

True Copy Attestation


Principal



A. DILIPKUMAR
STAMP VENDOR


Principal
Engg. Colle
Pin-6

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.

Sunny
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)

Jyothi Engineering College
Cheruthuruthy P.O.-679 531

True Copy Attested

First Party
Principal
Yuvakshetra Institute of
Management Studies (YIMS)




W.S. Manoj
28/5/2020
Second Party
Principal
Jyothi Engg. College
Cheruthy, Pin-679 531

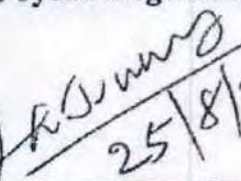
AGREED:

For Yuvakshetra College

For Jyothi Engineering College


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

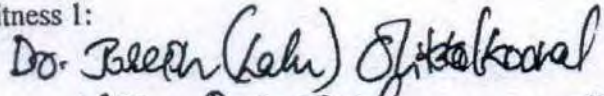



Authorized Signatory

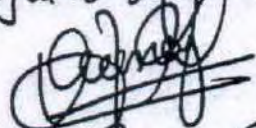
Principal
Jyothi Engg. College
Cheruthuruthy, Pin-679 531

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:

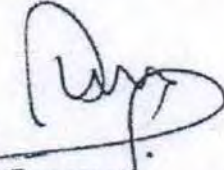

Do. Bheem (Lahu) Jithakoral
Vice Principal
Yuvakshetra Institute of Management Studies

Witness 3:


Ms. 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.

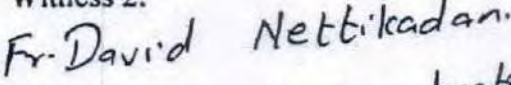
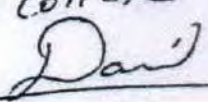
Signature

(First Party)

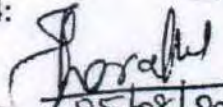

Principal
Yuvakshetra Institute of
Management Studies (YIMS)
Ezhakkad, Mundur Palakkad Dist
Kerala, India. Pin -678 631



Witness 2:


Fr. David Nettikadan
Add-On Courses Co-ordinator
Jyothi Engineering College


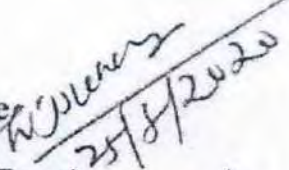
Witness 4:


Dr. Jose P. Therattil
M.Tech., Ph.D. (NIT)
Professor & HOD, ECE Department
Jyothi Engineering College
Cheruthuruthy, Thrissur - 679 531

Signature

(Second Party)




Principal
Jyothi Engg. College
Cheruthuruthy, Pin-679 531
JOSEPH K. MATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

True Copy Attested

भारतीय गैर-न्यायिक

एक सौ रुपये

Rs. 100

रु. 100

ONE HUNDRED RUPEES



भारत INDIA
INDIA NON JUDICIAL

കേരളം **MEMORANDUM OF UNDERSTANDING**

CN 912656

This Memorandum of Understanding (MoU) is entered into on 6th February 2020 between the

Department of Computer Science and Engineering



Jyothi Engineering College



NINTRIVA

emmas
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)

NINTRIVA TECHNOLOGY SOLUTIONS

PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

True Copy Attested

Door Number XI-735D5, Kadavil Buildings, Vazhakkala, Kakkanaad

Now, the parties hereby agree to work jointly on the following activities for 3 years w.e.f 6th February 2020

- To identify and facilitate guest lectures, interactive workshops, seminars, brain storming sessions, technical discussions etc with members of the industry at regular interval.

[Signature]
Fr. Dr. K George
HOD, CSE Dept
Jyothi Engineering College

[Signature]
Fr. Dr. Jaison Paul Mulerikkal CMI
Principal
Jyothi Engineering College

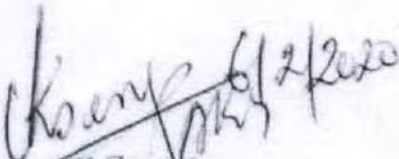
[Signature]
Bimal S Parayil
Co-Founder
Nintriva Technology Solutions




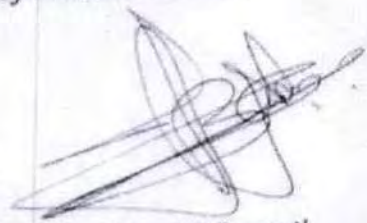
No
Value. Rs: 100/-

Sold to : *[Signature]*
N. Ramachandran
19.10.19

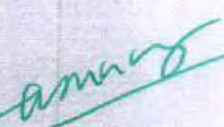
- 2) To identify technical problems faced by industry and converting them into final year projects for the students with active supervision by the faculty in charge.
- 3) To identify opportunities for student internships preferably during vacation time.
- 4) To conduct industrial training, orientation courses, industrial visits etc for faculty and students 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 encourage collaboration in research and education in areas of mutual interest.


Fr. Dr. A K George
HOD, CSE Dept
Jyothi Engineering College


Fr. Dr. Jaison Paul Mulerikkal CMI
Principal
Jyothi Engineering College


Bimal S Parayil
Co-Founder & CEO
Nintriva Technology Solutions

True Copy Attested


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthurathy P.O.- 679 531



കേരളം കേരल KERALA

CN 912655

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on 22nd January 2020 between the
Department of Computer Science and Engineering



Jyothi Engineering College

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University
 DR. SINNY JOSEPH KALAYATHANKAL
 M.Phil, B.Ed
 Ph.D (Maths)
 & Jyothi Engineering College
 Principal

TRIAXIA INFOTECH PVT LTD

True Copy Attested

1st Floor, Panassery Nest, No. 44/1213 A-3, South Janatha Rd, Palarivattom, Ernakulam, Kerala – 682 025

Now, the parties hereby agree to work jointly on the following activities for 3 years w.e.f 22nd January 2020

- 1) To identify and facilitate guest lectures, interactive workshops, seminars, brain storming sessions, technical discussions etc with members of the industry at regular interval.

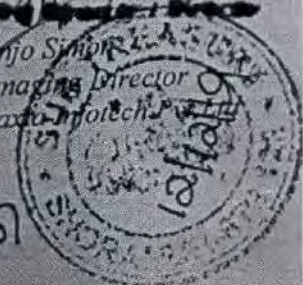
Fr. Dr. A K George
 HOD, CSE Dept
 Jyothi Engineering College

Fr. Dr. Jaison Paul Muthikkal CMI
 Principal
 Jyothi Engineering College

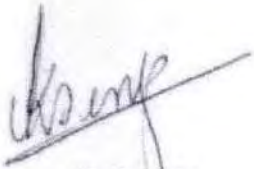
Sanjo Simon
 Managing Director
 Triaxia Infotech Pvt Ltd

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

ഈ രേഖയുടെ കോപ്പി ഉപയോഗിക്കരുത്



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



Fr. Dr. A K George
HOD, CSE Dept
Jyothi Engineering College




Fr. Dr. Jaison Paul Mulerikkal CMI
Principal
Jyothi Engineering College

TRAXIA INFOTECH PRIVATE LIMITED



Sanjo Simon
Managing Director
Triaxia Infotech Pvt Ltd

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

True Copy Attested



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

A.A.T. Accredited College with 100% Graduate Employment

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

Department of Electrical & Electronics Engineering

Cheruthuruthy P.O., Cheruvu, Kottayam District, Kerala

Phone: 0471-2521111, 2521112, 2521113, 2521114, 2521115, 2521116, 2521117, 2521118, 2521119, 2521120, 2521121, 2521122, 2521123, 2521124, 2521125, 2521126, 2521127, 2521128, 2521129, 2521130, 2521131, 2521132, 2521133, 2521134, 2521135, 2521136, 2521137, 2521138, 2521139, 2521140, 2521141, 2521142, 2521143, 2521144, 2521145, 2521146, 2521147, 2521148, 2521149, 2521150, 2521151, 2521152, 2521153, 2521154, 2521155, 2521156, 2521157, 2521158, 2521159, 2521160, 2521161, 2521162, 2521163, 2521164, 2521165, 2521166, 2521167, 2521168, 2521169, 2521170, 2521171, 2521172, 2521173, 2521174, 2521175, 2521176, 2521177, 2521178, 2521179, 2521180, 2521181, 2521182, 2521183, 2521184, 2521185, 2521186, 2521187, 2521188, 2521189, 2521190, 2521191, 2521192, 2521193, 2521194, 2521195, 2521196, 2521197, 2521198, 2521199, 2521200

&



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

[Signature]

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

[Signature]

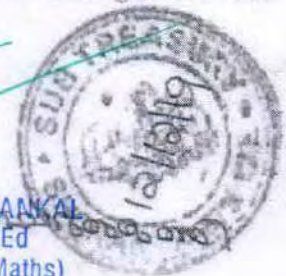
Fr. (Dr.) Jaison Paul Mulerikkal
Principal
Jyothi Engineering College

[Signature]

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

No. 39476
Value Rs: 100/-
Date: 19.12.19
N. Ramachandran
Stamp Vendor
Shoranur

[Signature]
Dr. SUNNY JOSEPH KADAVATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531



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.

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

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

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

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

True Copy Attested



കേരളം കേരल KERALA

CN 912650

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

Approved by AICTE & affiliated to M.J.Solapur Institute for Technology & Entrepreneurship

&



NIDA, Kanjikode, Palakkad

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

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

Mr. Sunil Joseph
Director,
M/S Sark Cables Pvt. Ltd

No: 0995
Value. Rs: 100/-
Stamp Vendor
N. Ramachandran
Shoranur

19.12.19

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College
Cheruthuruthy P.O.- 679 531



True Copy Attested

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for 10 years w.e.f 25/01/2020

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




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



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

True Copy Attested



Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.-679 531

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

True Copy Attested

ANN
SUNNY JOSHI, KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

- 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:

True Copy Attestation
A. S. Aravind

ADMITTED
 Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)

B. Th. K. L. L. L.
 Fr. Dr. Benny Thomas

Dr. Sunny Joseph Kalayathankal

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



PRINCIPAL Fr. Dr. Benny Thomas

[Signature]
 Dr Anil Joseph Pinto
 Registrar
 CHRIST (Deemed to be University)
 Bangalore - 560029



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.

Dr. SUNNY JOSEPH KALAYATHANKAL

M.Tech, MCA, M.Sc, M.Phil, B.Ed

Ph.D (Computer Science), Ph.D (Maths)

PRINCIPAL


True Copy Attested

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.


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

- 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

Sunny
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College
Sri Kalady P.O. 679 531

(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:

Sunny
Dr. SUNNY JOSEPH KALAYATHANKAL

M.Tech, JCA, M.Sc., M.Phil., B.Ed.
Ph.D. (Computer Science), Ph.D. (Maths)

PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

True Copy Attached

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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MOMERANDUM OF AGREEMENT (MOA)



Between
PELITA BANGSA UNIVERSITY
(Herein called "PBU")



And
JYOTHI ENGINEERING COLLEGE
(Herein called "JEC")

About
Joint International Seminar

This agreement was made between PBU and JEC referring to the Memorandum of Understanding between PBU and JEC. The two parties to this agreement wish to collaborate in various international seminar activities that can be carried out together.

1. Areas of Cooperation

- a. The Collaborative Plan for this joint seminar is about the "International Conference on Optimization Techniques and Intelligent Systems" and "International conference on Energy and Environment" which will be held on April 9-10, 2021.
- b. The cooperation agreement can continue to be used for other seminar collaborations in the future.

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 :

Dr Aswathy.S.U.

Professor, Department of Computer Science,

Jyothi Engineering College, Cheruthuruthy, Kerala, India

Tel: +91-9447798829

E-Mail: aswathysu@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.

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**

**on behalf of
JYOTHI ENGINEERING
COLLEGE**



Signed:

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



Signed:

**Dr Sunny Joseph Kalayathankal
Principal,
Jyothi Engineering College**

Date: 27 November 2020

Date: 27 November 2020

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M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531



CE 12696

കേരളം കേരള KERALA

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.

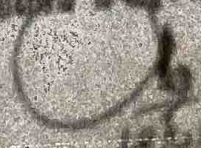
Thomas Kalliasaray

WAP

SECRETARY
THRISUR EDUCATIONAL TRUST

Thrissur Educational Trust

12/6/21



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

Dr. Thomas Kaldiesing

Party 1

SECRETARY
TRISSUR EDUCATIONAL TRUST



Party 2

Witness Vidya

Witness [Signature]



കേരളം കേരल KERALA

DG 123350

Memorandum of Understanding (MoU)

Memorandum of Understanding is executed on this 25th day of November 2021

BETWEEN: Jyothi Engineering College, Cheruthuruthy.

AND: Kerala Development and Innovation Strategic Council (K-DISC) [hereinafter referred to as K-DISC] having its office address 4rd Floor, India Heights Govt, Women's College Rd, Vazhuthacaud, Thiruvananthapuram, Kerala 695014

(Contd....2)


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



21/11/21
100/-
Stamp Vendor
Shoranur

Jyothi Engineering college vettikkattiri 25/11/21



കേരളം KERALA

- 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)

[Signature]
F. ROY V.I.
Secretary

Thrissur Educational Trust
Jyothi Hills, Vettikkattiri, Cheruvinuruthy
Thrissur - 679 531

Jyothi Engineering college Vettikkattiri

25/1/21



21/1/21
N. Ramachandran
Stamp Vendor
Shoranur

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.


(Contd.....4)


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

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

(Contd.....5)


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

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:



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 N.B.A. Accredited Programmes

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY IS THE CATHEDRAL AND IDOLIST OF TEACHER

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.

&



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.

[Signature]

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

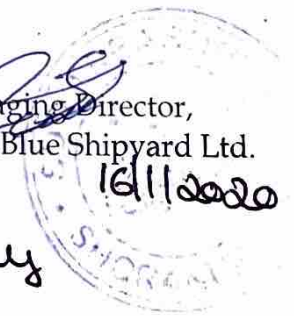
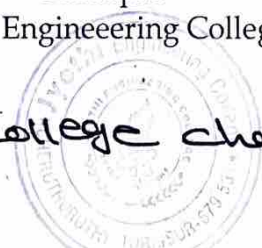
[Signature]
Managing Director,
M/S Sea Blue Shipyard Ltd.

Professor & Head
Department of ME, JECC

No Value. Rs: 100/-
Sold to :

Jyothi Engineering College Cheruthuruthy

N. Ramachandran
Stamp Vendor
Shoranur

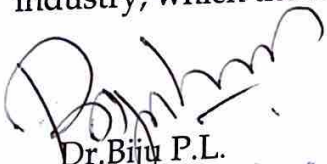


23.1.2020


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.


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




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




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

Sea Blue Shipyard Ltd.



കേരളം കേരल KERALA

CN 612220

MEMORANDUM OF UNDERSTANDING

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DEPARTMENT OF MECHANICAL ENGINEERING



Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes*

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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.

&

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

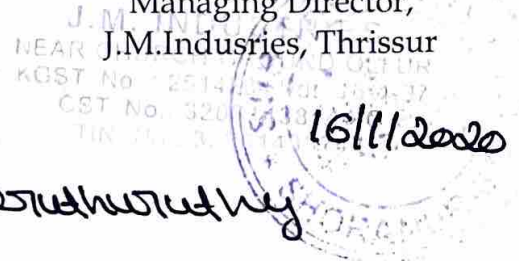
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Department of ME, JECC

Fr. (Dr.) Jaison Paul Mulerikal
Principal
JyothiEngineering College


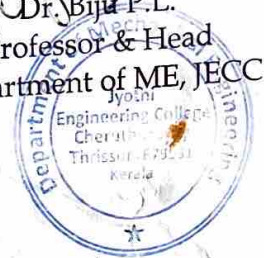
Jose Kattukaran
Managing Director,
J.M.Industries, Thrissur



Jyothi engineering college chertuthuruthy

23.1.2020



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 Principal
 Jyothi Engineering College



 Jose Kattukaran
 Managing Director,
 J.M. Industries, Thrissur

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