

**St Joseph Engineering College  
Mangaluru-575028**

**MOU Metadata Sheet**

**MOU No: SJEC/CO/MoU/2019/01**

1. Collaborator:	<b>KarMic Design Private Limited</b>	
2. Prime Purpose:	<b>To collaborate efforts to establish and develop academic exchange and cooperation in teaching, training, research and development.</b>	
3. MOU Type:	<b>Training and Research</b>	
4. Date of Signing:	<b>05-02-2019</b>	
5. Signitaries:	<b>Director of SJEC and CEO &amp; Director of KarMic Design Pvt Ltd</b>	
6. Date of Expiry:	<b>04-02-2021</b>	
7. Notice Period:	<b>Three months</b>	
8. Anchoring Department:	<b>Electronics and Communication Engineering</b>	
9. Contact Person:	<b>Mr Keith Fernandes, Assistant Professor, ECE</b>	
10. Departments for Collaboration:		
	<b>Name of the Department</b>	<b>Role/Scope</b>
	<b>ECE</b>	<b>1. To decide on the access to the number of Cadence licenses. 2. Provide time table for Cadence license access to KarMic</b>
		<b>Mr Keith Fernandes</b>
11. Reporting Requirements:	<b>Annual report is to be submitted</b>	
12. Special Terms & Conditions:	<b>1. Any communication made by one party to the other under this MoU shall be in writing in the English Language and be address to the party's authorized office as is designated in writing. 2. Appointment and change of SPOC will be informed by the authorized representative of SJEC in writing.</b>	

*A. P. P. / 15/02/19*

*K.R. Fernandes / 15/03/19*

**Collaborations Officer**

**Faculty Coordinator**

*[Signature]*

*[Signature]*

**Principal**

**Director**

# MEMORANDUM OF UNDERSTANDING

This MEMORANDUM of Understanding (MoU) is made on 5<sup>th</sup> day of February 2019 by and between:

St. Joseph Engineering College, having its office at Vamanjoor, Mangaluru – 575028, Karnataka, India (hereinafter referred to as SJEC)

## AND

KarMic Design Private Limited, having its office at 4/505(C&C1), 80 Badagabettu, Rajeev Nagar, Alevoor Road, Manipal – 576104, Udupi, Karnataka, India. (hereinafter referred to as KarMic)

SJEC and KarMic shall hereafter be collectively referred to as "both Parties" and reference to "Party" shall mean SJEC or KarMic, as the case may be.

**WHEREAS** both Parties enter into this MoU to collaborate efforts to establish and develop academic exchange and co-operation in teaching, training, research, and development in areas as follows:

- A. To visit and participate in teaching and research programs.
- B. To promote the exchange of information and materials of mutual interest which do not come under both parties "Confidential Information".
- C. To promote the exchange of scientific materials, publication, and information which do not come under both parties "Confidential Information".
- D. To provide technical support such as workshop, invited lectures and technical talk.

**BOTH PARTIES** mutually agree to the following

## ARTICLE 1 IMPLEMENTATION

- 1.1 Both Parties shall establish and develop resources for purposes of exchange in training, projects, and research.



- 1.2 The training program should not lead to any commercial product, as it is intended only to impart the practical training in the field of VLSI Design to the participants for mutual benefit.
- 1.3 SJEC and KarMic will mutually work towards setting up a **KarMic - SJEC VLSI Lab** at KarMic training premises. The lab will be solely used to training purpose and not for any commercial purpose.
- 1.4 KarMic Engineers will share their expertise and conduct workshops, invited lectures and technical talks at SJEC based on the availability of the resources.
- 1.5 SJEC will not be providing any remuneration, transport and boarding facilities for workshops, invited lectures and technical talks conducted by KarMic Engineers.
- 1.6 KarMic will collaborate and assist the students and faculty of SJEC in guiding Major and Minor projects related to VLSI domain.
- 1.7 KarMic will provide minimum a 1-month internship program to selected students of SJEC free of cost.
- 1.8 A Faculty assigned by the Department of Electronics and Communication Engineering, SJEC, will be the Single Point of Contact (SPOC) of SJEC towards the implementation of the MoU.
- 1.9 The access to the number of Cadence licenses will be decided by the SPOC of SJEC.
- 1.10 KarMic will adhere by the Timetable for Cadence license access provided by the SPOC of SJEC.

## **ARTICLE 2**

### **LAWS AND REGULATION**

- 2.1 This MoU is subject to the laws of the Government of India and regulations of both institutions.

## **ARTICLE 3**

### **INTELLECTUAL PROPERTY**

- 3.1 Both Parties shall abide by the laws and regulations on intellectual property rights of their respective countries and institutions.

## **ARTICLE 4**

### **CONFIDENTIALITY**

- 4.1 Both Parties undertake to observe confidentiality towards other Parties not concerned or connected with this MoU. No confidential information should be

required to be exchanged to accomplish the objectives of the activities described by this MoU, but if such exchange becomes necessary, parties agree to execute a bi-directional confidentiality agreement.

## **ARTICLE 5**

### **COMMENCEMENT AND DURATION**

- 5.1 This MoU shall commence on the date of its signing and shall remain in effect for a period of twenty-four months. A review will be held after twenty-four months so that the Parties can discuss how to improve the effectiveness of the collaborative activities. Changes and extensions to the MoU can be made with the written agreement of both parties.
- 5.2 This MoU may be terminated prior to the expiry date by mutual agreement between both Parties, subject to at least 3 (three) month's prior written notice.
- 5.3 Any dispute arising out of the interpretation or implementation of this MoU shall be settled amicably by consultation between both Parties in good faith.

## **ARTICLE 6**

### **RELATIONSHIP BETWEEN THE PARTIES**

- 6.1 This MoU is not intended to be legally binding but it simply expresses the intentions and understanding between both Parties.
- 6.2 Any notice relating to this MoU shall be in writing and shall be sufficiently served in accordance with Article 7.

## **ARTICLE 7**

### **NOTICES**

- 7.1 Any communication made by one party to the other under this MOU shall be in writing in the English language and shall be addressed to the party's authorized office as is designated in writing.
- 7.2 Appointment and change of the SPOC will be informed by the authorized representative of SJEC in writing.
- 7.2 Authorized representatives of SJEC and KarMic shall sign two original Memorandum of Understanding documents. Each party shall hold one original signed MoU, with both documents being equally authentic.

**For SJEC:**

Authorized Representative : Dr Rio D'Souza

Address : Principal, St Joseph Engineering College,  
Vamanjoor, Mangaluru - 575028

Tel. No. : +91-824-2263732

E-mail id : [principal@sjec.ac.in](mailto:principal@sjec.ac.in)

**For KarMic Design Pvt. Ltd.**

Authorized Representative : Mr. Madan Bilagi

Address : KarMic Design Pvt. Ltd, 4/505(C&C1), 80  
Badagabettu, Rajeev Nagar, Alevoor Road,  
Manipal - 576104

Tel. No. : +91-820-2593702

E-mail id : [madanb@karmic.co.in](mailto:madanb@karmic.co.in)

IN WITNESS WHEREOF, the parties hereto have caused this MoU to be executed by their duly authorized representatives.

Signed on Behalf of St Joseph  
Engineering College, Vamanjoor,  
Mangaluru

  
Rev. Fr Wilfred Prakash D'Souza  
Director

Date: 05-02-2019

Signed on Behalf of KarMic Design Pvt.  
Ltd.

  
Mr. Vinay Sheshgiri  
CEO & Director, KarMic Design Pvt.Ltd.

Date: 05-02-2019

A Memorandum of Understanding (MoU) between KarMic Design Private Limited, Manipal and St. Joseph Engineering College, Mangaluru was signed on 5<sup>th</sup> February 2019 at KarMic Office located at Manipal.

The MoU was signed by Rev. Fr Wilfred Prakash D'Souza, Director, SJEC and Mr Vinay Sheshgiri, CEO and Director, KarMic Design Pvt Ltd. The highlight of the MoU was setting up of KarMic - SJEC Academic Lab at the premises of KarMic Design Pvt Ltd, Manipal. The Academic Lab was inaugurated by Rev. Fr Wilfred Prakash D'Souza and Mr Vinay Sheshgiri. Dr Rio D'Souza, Principal SJEC, Dr Dayakshini, HOD Dept of ECE and Mr Keith R Fernandes, Asst. Professor Dept. of ECE and SPOC for the MoU implementation were present. This MoU will be anchored by the Dept. of ECE, SJEC.

Under the MoU both the parties have agreed to collaborate to establish and develop academic exchange and co-operation in teaching, training, research, and development in areas mentioned below.

1. To visit and participate in teaching and research programs.
2. To promote the exchange of information and materials of mutual interest.
3. To promote the exchange of scientific materials, publication, and information.
4. To provide technical support in conduction of workshop, invited lectures and technical talk.

KarMic under the MoU has agreed to impart the practical training in the field of VLSI Design to the participants for mutual benefit. Engineers from KarMic will share their expertise and conduct workshops, invited lectures and technical talks at SJEC. KarMic will collaborate and assist the students and faculty of SJEC in guiding Major and Minor projects related to VLSI domain. KarMic will also provide minimum a 1-month internship program to selected students of SJEC free of cost.



*K. R. Fernandes*

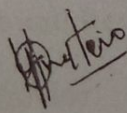


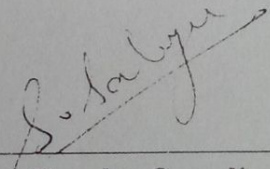
St Joseph Engineering College  
Mangaluru-575028

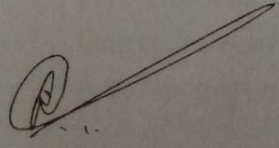
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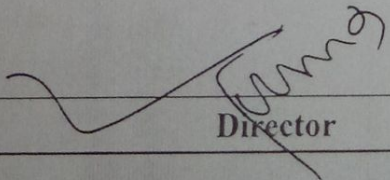
MOU Metadata Sheet

1. Collaborator:	Kakunje Software Pvt Ltd (KSPL)	
2. Prime Purpose:	To establish a written document framing a basic understanding under which SJEC and KSPL shall be governed for incubation centre, internship and training.	
3. MOU Type:	Training, Research & Incubation	
4. Date of Signing:	03-10-2018	
5. Signitaries:	Director of SJEC and Managing Director of KSPL	
6. Date of Expiry:	02-10-2023	
7. Notice Period:	NA	
8. Anchoring Department:	Computer Science and Engineering	
9. Contact Person:	Dr Sridevi Saralaya, HOD of CSE	
10. Departments for Collaboration:		
Name of the Department	Role/Scope	Coordinators
Computer Science and Engineering	SJEC shall provide the services of infrastructure to KSPL for the incubation centre, internship and training of students.	Ms Vijetha
11. Reporting Requirements:	Every six months	
12. Special Terms & Conditions:	This agreement shall be valid for a period of Five years from the date of execution of this agreement. This agreement shall come into effect from 03/10/2018. However, either party will renew this agreement for further period of five years with mutual consent.	

  
Collaborations Officer

  
Faculty Coordinator

  
Principal

  
Director



## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (herein after referred to as "MOU") is made and executed on this date 03/10/2018 at Mangalore.

### BY AND BETWEEN

St. Joseph Engineering College (hereinafter referred to as "SJEC") represented by Rev. Fr Wilfred Prakash D'Souza, Director - SJEC which term unless repugnant to the context thereof, shall mean and include its successors-in-interest and permitted assigns, of the FIRST PART

AND

Kakunje Software Private limited, Abhiman Plaza, Bunts Hostel Circle, Mangalore, Karnataka, INDIA - 575003 (hereinafter referred to as "KSPL") duly represented by Mr Gopala Krishna Bhat Kakunje, Managing Director - KSPL, which term unless repugnant to the context shall mean and include its successors and permitted assigns) of the SECOND PART

"SJEC" and "KSPL" are individually and collectively referred to as "Party" and "Parties" respectively.

WHEREAS

#### 1. Term :

This agreement shall be a valid for a period of Five years from the date of execution of this agreement. This agreement shall come into effect from 03/10/2018. However either party will renew this agreement for further period of five years with mutual consent.

#### 2. Objective

The objective of this MOU is to establish a written document framing a basic understanding under which both the parties shall be governed for incubation centre, internship and training.

#### 3. Scope of Work

During the term hereof or the extended term as the case may be SJEC shall provide the services of infrastructure to KSPL for the incubation centre, internship and training of students.

#### 4. Role and Responsibilities of SJEC

To Provide:

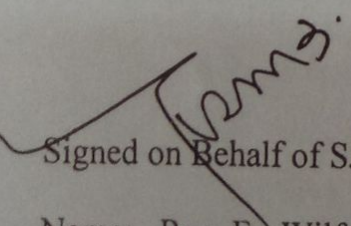
1. Five PCs with Windows OS systems.
2. Five PCs with Ubuntu or Linux-based Systems.
3. One room with Internet and projector (Lab Setup).
4. A component shelf.



5. Tables with Lab Setup.
6. An association which will perform in coordination with the department association of CSE, created containing a Head and a Coordinator from the college and one person from the company.

#### 5. Roles and Responsibilities of KSPL

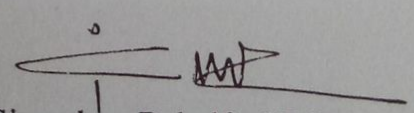
- 1) Provide the required Human Resources for training.
- 2) Provide the required hardware and software components for the incubation centre and training.
- 3) Provide training to Computer Science students on recent programming languages, web technologies, mobile App development, desktop application development. It offers a platform for students to learn up-to-date technologies and build their ideas and projects inside the college campus.
- 4) Incubation center will have a Microsoft Learning Center for providing training in all the Microsoft Tools.
- 5) Guide ECE students on PCB design and fabrication, Microcontroller programming, Advanced Development Boards, IC fabrication, VHDL & Verilog, Image and Signal Processing.
- 6) Guide students to develop IEEE standard projects.
- 7) Provide technical talks by experts on recent technological trends
- 8) Each semester, students can do summer internship in the college campus
- 9) Passed out students who are not yet placed can work on live projects in the incubation center and obtain work experience.
- 10) Students can start right from the third year and can operate with their guides trained by company experts.
- 11) Provide guidance to faculty doing their PhD.
- 12) Help Students/staff to get funding for their project works and research from Government and Non-Government Organizations (Campco, IEEE, KSTA, etc.).
- 13) Centre will conduct International Conferences and provide guidance for Publication of Journals.

  
Signed on Behalf of SJEC

Name: Rev. Fr. Wilfred Prakash D'Souza

Designation: Director

Date : 03/10/2018

  
Signed on Behalf of KSPL

Name : Mr Gopala Krishna Bhat Kakunje,

Designation: Managing Director

Date : 03/10/2018



**St Joseph Engineering College  
Mangaluru-575028**

**MOU Metadata Sheet**

**MOU No: SJEC/CO/MoU/2019/11**

1. Collaborator:	Dundalk Institute of Technology, Dundalk, Ireland
2. Prime Purpose:	The main purpose of this MOU is to facilitate the development of closer cooperation and cover the normal educational activities of both institutions.
3. MOU Type:	Internship, Research, Joint Programs, Exchange Programs
4. Date of Signing:	19-08-2019
5. Signatories:	Director of SJEC and Registrar of DKIT
6. Date of Expiry:	18-08-2024
7. Notice Period:	One month
8. Anchoring Department:	Office of Collaborations
9. Contact Person:	Ms. Diana Monteiro

**10. Departments for Collaboration:**

Name of the Department	Role/Scope	Coordinators
ME	Providing guidance, assistance and encouraging students and faculties on different areas of collaborations with DKIT.	Mr Canute Sherwin
CSE		Ms Evita Coelho
EEE		Ms Mayuri R
ECE		Ms Preetha D'Souza
CV		Mr Prashanth Kurdekar
MBA		Dr Shakila B
MCA		Mr Ragesh Raju
Mathematics		Dr Ramananda H.S.
Physics		Dr Vincent Crasta
Chemistry		Ms Smitha M D'Souza

11. Reporting Requirements: Annual report is to be submitted

12. Special Terms & Conditions: This agreement is valid for a period of five years During the 4<sup>th</sup> year renewal for a second 5-year period will be considered. No financial or legal obligation on any institution is implied by this memorandum.

*[Signature]*  
04.09.19

**Collaborations Officer**

*[Signature]*

**Faculty Coordinator**

*[Signature]*  
04/9/19

**Principal**

*[Signature]*

**Director**





DUNDALK

MEMORANDUM OF UNDERSTANDING

Between

ST JOSEPH ENGINEERING COLLEGE, MANGALURU, INDIA

And

DUNDALK INSTITUTE OF TECHNOLOGY, DUNDALK, CO. LOUTH, IRELAND

Preamble

The purpose of this Memorandum Of Understanding (MOU) is to facilitate the development of closer cooperation between the St Joseph Engineering College, Mangaluru, India (SJEC) and Dundalk Institute of Technology, Dundalk, Co. Louth, Ireland. (DkIT). This cooperation will cover the normal educational activities of both Institutions. This MOU is designed to enable both Institutions to promote suitable cooperative activities. It is designed to enable significant post holders within each institution to exchange relevant information with their colleagues and to build strong trustful relationships. This MOU is designed to further the strategic aims of both institutions within the context of mutual respect and support. Each Institution respects the academic standards of the other and will act to support and enhance those standards in all cooperative activities.

Article 1

The range of cooperation covers the full extent of academic activities engaged in by the Institutions and may concern any such field or subject upon which the parties agree. Specifically, it may include various activities, such as:

1. Exchange of information on academic programmes and processes,
2. Development of articulation pathways between the two institutions,
3. Exchange of information on research and the development where possible of joint research activities;
4. Study visits by academic staff and relevant academic administrative personnel,
5. Promotion and facilitation of student exchanges;
6. Exchange of information and materials in fields which are of interest to both parties including technology transfer processes and academic administrative procedures;
7. Participation in conferences and seminars

Article 2

Authorization of activities under this MOU shall be the responsibility of the Institutions. In the case of SJEC this will be done by the Director of the institution and in the case of DkIT this will be done by the Vice President for Academic Affairs and Registrar.





## DUNDALK

The development of joint projects activities or proposals will normally be the responsibility of the academic department/faculty or academic functional area involved. To facilitate this development, process the parties will authorize the relevant post holders to exchange information pertinent to the project. Any major project or one which involves ongoing commitment by either institution will be subject to a formal Memorandum Of Agreement (MOA). This MOA will be made and agreed at institutional level.

### Article 3

Where each institution is involved in periodic institutional quality assurance process, the other institution will cooperate in the provision of relevant information.

### Article 4

The expenses incurred by each institution in operating this MOU will be the responsibility of that institution. The expenses incurred by each institution in operating activities developed under this MOU shall be the responsibility of that institution except where there is a specific agreement in an MOA to that effect.

A specific plan shall be worked out for each joint activity. Among other things such plans shall ensure that all appropriate arrangements for studying, working, and for living and maintenance expenses are made and agreed before the arrival of a faculty member or a student to the host university.

### Article 5

The Institutions will work towards an MOA involving the articulation of students between the institutions.

The Institutions will explore other areas of common interest with a view to developing similar programme articulation agreements.

### Article 6

This Memorandum Of Understanding is subject to revisions and renewal by mutual written consent between the two sides. It can be cancelled by either side with 90 days' notice. Any such cancellation will have no effect on any student or staff member involved in a joint activity at the time of cancellation. Any disputes between the two institutions will be resolved in a spirit of mutual respect.





DUNDALK

Article 7

This Memorandum of Understanding shall be valid for an initial period of 5 years. During the 4th year renewal for a second 5-year period will be considered. This Memorandum becomes effective upon the date of last party to sign this Memorandum. No financial or legal obligation on any institution is implied by this Memorandum. It will be made into four (04) copies in English and all of equal validity. Each side will keep two (02) copies.

This MoU is signed in Mangaluru on 31 July 2019.

Signed for and on behalf of  
St Joseph Engineering College  
Mangaluru, India

Rev. Fr Wilfred Prakash D'Souza  
Director

Signature

Date

Signed for and on behalf of  
DUNDALK INSTITUTE OF TECHNOLOGY,  
Dundalk, Co.Louth, Ireland.

Dr Shella Flanagan  
Registrar

Signature

Date

