

## 3.5.2 (Proofs)

### E-Copies of MOUs

2018-19

2017-18

2016-17

2015-16

2014-15

<b>Index of MOUs</b>	
<b>Page Nos.</b>	<b>Organisation / Individual with which MoU is signed</b>
1	BUDSTA Analytics and Insights Pvt. Ltd.
4	Benett University
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9	TCS
14	Christiani Sharpline
17	B.R.Prabhu
19	VJTI
21	DLINK
27	United Modeling & Simulation
29	Synergy Consultancy
31	University of Texas at EL Paso
33	L.D.College of Engineering, Gujrat
36	Khalsa College of Mumbai.
38	Eduvance



## BUDSTA Analytics & Insights Private Limited

*Transform your Data into Actionable Insights*

Analytics | Consulting | Training

### Data Science Engineering Internship with BUDSTA Analytics & Insights Private Limited

"BUDSTA Analytics & Insights Private Limited" (hereafter referred as "BUDSTA" within this document) is pleased to announce Internship opportunities to Third Year Engineering students within Fr. Conceicao Rodrigues College of Engineering ("CRCE") for academic year 2018-19. Please find the details and projects that will be available for taking up as part of the Internship below.

#### **Internship Description:**

The Engineering Intern(s) will be responsible for developing, executing and refining Data Science applications with the Python Programming language to complete the Project Objectives mentioned in Appendix 1.

Selected interns will have day-to-day responsibilities which include:

1. Participating in cutting-edge research in artificial intelligence & machine learning applications
2. Data mining/predictive modeling tools such as Python, Numpy, Scikit-Learn, etc.
3. Imaging Algorithms and Predictive Workflows in Applications utilising deep learning
4. Summarizing statistical approaches to meet the project objectives
5. Selecting the best methodology and libraries required
6. Refine the applications with iterative feedback
7. Summarize the results and conclude in a formal report format

#### **Benefits:**

- Certificate of successful internship
- Stipend of Rs. 2500/- per month
- Letter of Recommendation

#### **Prerequisites:**

- Familiar with Python Programming Language
- Statistics and Data Science Fundamentals [training provided by BUDSTA]
- Clearing the Analytics Test & Interview
- Brief on Problem Statement [Presentation provided by BUDSTA]



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**Analytics | Consulting | Training**

### **Commitment required:**

- 12 hours per week availability
- All work will be done on Computers within the college premises
- One professor and one employee/mentor from the company will guide the projects

### **Qualifications required:**

- Pursuit of a full-time engineering bachelor's degree
- Self-directed and motivated
- Critical thinking and engineering acumen
- Technical Report Writing skills
- The requirements listed are representative of the knowledge, skill, and/or ability required.

Internship is contingent upon passing the Entrance exam and Interview.  
BUDSTA is fully committed to Equal Internship Opportunity and to attracting, retaining, developing and promoting the best qualified student interns.

Yours Sincerely,

**BUDSTA ANALYTICS & INSIGHTS PRIVATE LIMITED**

**Mr. Lester S. Fernandes**  
*Managing Director*



# BUDSTA Analytics & Insights Private Limited

*Transform your Data into Actionable Insights.*

**Analytics | Consulting | Training**

## Appendix I

Sr. No.	Project Name	Hours Required	Internship Duration	Interns Required	Faculty/Mentor
1	Face Recognition enabled Security Clearance	12 hours/week	12 weeks	3	TBD
2	Auto Licence Number Plate Regulated Entry	12 hours/week	12 weeks	3	TBD
3	Machine Breakdown Image Predictor Classifier	12 hours/week	12 weeks	3	TBD



vaibhav Godbole <godbole@fragnel.edu.in>

---

## Fwd: Invite for Partnership for another RAENG project

2 messages

---

**surve CRCE** <surve@fragnel.edu.in>  
To: Vaibhav Godbole <godbole@frcrce.ac.in>

Mon, May 20, 2019 at 2:32 PM

Thanks and Regards,

Sunil Surve, Ph.D.  
Professor & Head,  
Department of Computer Engineering,  
Fr. Conceicao Rodrigues College of Engineering, Mumbai.

Phone: +91-022-67114113  
Mobile: +91-9167635546

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

From: **surve CRCE** <surve@fragnel.edu.in>  
Date: Wed, Jan 24, 2018 at 3:57 PM  
Subject: Re: Invite for Partnership for another RAENG project  
To: Deepak Garg <deepakgarg108@gmail.com>

Dear Sir,  
Please find attached letter and resume.

Thanks and Regards,

Sunil Surve, Ph.D.  
Professor & Head,  
Department of Computer Engineering,  
Fr. Conceicao Rodrigues College of Engineering, Mumbai.

Phone: +91-022-67114113  
Mobile: +91-9167635546

On Mon, Jan 22, 2018 at 8:50 PM, Deepak Garg <deepakgarg108@gmail.com> wrote:

Dear Surve Ji

Good day!

We are writing a proposal to Royal Academy of Engineering with the Title "Making "Deep Learning and AI skills mainstream in India to fulfill trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research"

We will like to work together with you. I will need a signed letter of support from your side on institution Letter Head. Draft Letter is attached where you can do minor modifications as required. There is some information to be filled about the institution in the last part of the letter. Kindly keep the Letter on one page only.

We will also need 2-4 Page CV of the Lead Person, who will deal with this project.

Look forward to the Signed Letter of Support by Wednesday Evening (24/01/2018).

--

Thanks and regards  
Prof. Deepak Garg, Professor and Head  
CSE, Bennett University, Greater Noida, U.P.  
ABET PEV, SM ACM, SM IEEE  
[www.gdeepak.com](http://www.gdeepak.com)

---

**2 attachments**



**SKS\_Resume1.doc**

125K



**Garg.pdf**

2176K

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**surve CRCE** <surve@fragnel.edu.in>  
To: Vaibhav Godbole <godbole@frcrce.ac.in>

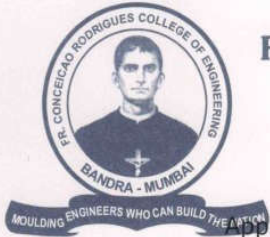
Mon, May 20, 2019 at 2:33 PM

[Quoted text hidden]



**Letter of Support.docx**

14K



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S

## FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

**Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.**

Phone : (022) 6711 4000, 6711 4101, 6711 4104 • Fax : 6711 4100

Website : [www.frcrce.ac.in](http://www.frcrce.ac.in) • Email : [crce@fragnel.edu.in](mailto:crce@fragnel.edu.in)

Application Title : Making "Deep Learning and AI skills" mainstream in India to fulfil trilateral needs of entrepreneurship, Industry-academia partnership and application-inspired Engineering Research

We confirm our Support, partnership and collaboration for the Application made by Prof. Deepak Garg of Bennett University.

The objectives of the project are of great relevance to us because it is unique in its mission and plans. Deep Learning, Machine Learning and Artificial intelligence are increasingly becoming the must-have skills for faculty, students and researchers in different engineering domains. Our institution is aspiring to inculcate this technology for the benefit of our stakeholders and the country.

We are pleased and excited to work with Prof. Garg for successfully executing this project. We understand that Bennett University has a great supercomputing infrastructure and accomplished faculty, which will of high value for this engagement.

Our faculty will get trained on futuristic technologies which in turn will help us to train our students. After that we will be able to start a research group who will follow up these activities with student projects, publications, curriculum enhancement. As there are Industry partners also in the project, so it will help us in connecting with the industry and start-ups to get ourselves involved in some real projects.

We are happy to know that we have been chosen as a lead institution in our zone.

We will support the project in terms of manpower, local support and infrastructure. We will nominate five of our good faculty to get trained, set up a research group. World of opportunities will be open after this and group will flourish based on the further engagements and opportunities.

We will support faculty exchange, student interns or other similar offerings required for the project. Our facilities can be used to hold workshops for Tier 2 and Tier 3 Institutions to spread the learning to remote institutions of the country.

### Institutional Information

# Years institution has been in existence: 34 years

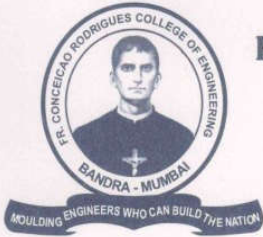
Engineering courses offered:

Undergraduate Courses:

1. Production Engineering,
2. Electronics Engineering,
3. Computer Engineering and
4. Information Technology

..2/-





SOCIETY OF ST. FRANCIS XAVIER, PILAR'S

## FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104 • Fax : 6711 4100

Website : [www.frcrce.ac.in](http://www.frcrce.ac.in) • Email : [crce@fragnel.edu.in](mailto:crce@fragnel.edu.in)

: 2 :

### Post-Graduate Courses:

1. Mechanical Engineering (CAD-CAM with Robotics) and
2. Electronics Engineering

# students and staff(faculty): 1150 students and 71 Faculty members

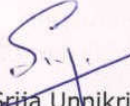
# of research groups: 03


Indicators of track record (rankings, awards etc):

- NIRF ranking (150-200 group)
- NBA Provisionally Accredited three programmes (Computer Engineering, Electronics Engineering and Production Engineering) out of four. Period of accreditation 2017-18 to 2019-20.
- Most sought-after college for admission.

Link to website for engineering faculty: [www.fragnel.edu.in](http://www.fragnel.edu.in)

Two-Three lines about the institution: College was established in 1984. The college is affiliated to University of Mumbai and has acquired a good reputation, among corporate and peer academic institutions, for its academic standards. The college offers under-graduate programmes in Production Engineering, Electronics Engineering, Computer Engineering and Information Technology, post-graduate programmes in Mechanical Engineering (CAD-CAM with Robotics) and Electronics Engineering and doctoral programmes in Electronics Engineering and Mechanical Engineering.

  
Dr. Srija Unnikrishnan  
Principal

  
Dr. Sunil Surve  
Professor


### Authorization and Release

I, individually and on behalf of the Company specified below (if any), hereby authorize Amazon Web Services, Inc. and its affiliates, and their respective agents, employees, contractors, resellers, sublicensees and assigns (collectively, "AWS") to reproduce, publish, distribute and/or translate, for advertising, merchandising and publicity purposes, all or any part of the following items ("Item(s)"): (a) my testimonial regarding my use of AWS services, provided by me to AWS; (b) my case study regarding my use of AWS services, provided by me to AWS; (c) my video testimonial, provided by me to AWS or as recorded by AWS; and (d) my name and Company logo provided to AWS, to identify me and Company as a customer of AWS on websites operated by AWS, including the website at aws.amazon.com, and any subpages of the AWS sites, and in customer lists, commercial presentations, press releases, flyers, brochures, newsletters and other marketing collateral, in any language. AWS will get my approval (which approval may be via email) on the final form of any testimonial, case study or video testimonial.

AWS will not make changes or alterations to the Item(s) in any way that substantially changes the content or meaning of the Item(s). I understand that my name and the name of the Company I am associated with, if any, and any descriptive or written material and all rights of personality or publicity may be used and published in connection with the Item(s). I also understand that AWS may use the Item(s) with or without identifying my name.

I represent and warrant that the Item(s): (i) are true and accurate to the best of my knowledge; (ii) have not been copied in whole or in part from any other work; and (iii) do not violate or infringe any copyright, trademark, or other proprietary right of any person or entity. I acknowledge that I have received nothing of pecuniary value in exchange for making any of the above referenced Items, including any testimonial and/or case study, and that neither I nor any member of my immediate family are employed by AWS.

If at any time I would like AWS to discontinue future use of the Items, upon email notice to AWS at case-study@amazon.com (or such other email address as AWS directs), AWS will promptly discontinue future use, provided that AWS will not be required to remove the Item(s) from any pre-printed materials.

Company (if any):	Fr. Conceicao Rodrigues College of Engineering
Signature:	
Full Name (please print):	Dr. Srima Unnikrishnan
Address:	Fr. Agnel Ashram, Bandstand, Bandra (West), Mumbai, 400050
Telephone number:	+91 - 22 - 67114000
Date:	August 13, 2018





हाराष्ट्र MAHARASHTRA

2017

RV 852177



TATA CONSULTANCY SERVICES



श्री. प्र. ना. वि. च. घरे

**Memorandum of Understanding  
Between**

**Tata Consultancy Services Ltd. and Fr. Conceicao Rodrigues College of Engineering**

This Memorandum of Understanding (MoU) is entered into this 7 day of May 2018 by and between **Tata Consultancy Services Limited**, a company incorporated under the Companies Act, 1956 having its Corporate office at TCS House, Raveline Street, 21 D.S. Marg, Fort, Mumbai 400 001 (hereinafter referred to as "TCS"), on the One Part.

And

Fr. Conceicao Rodrigues College of Engineering, Fr. Agnel's Ashram, Bandstand, Bandra(W), Mumbai - 400050 was established in 1983 (hereinafter referred to as "the AIP Collaborating Institute").

*S. J.* *10/1*

## Recitals

- a. TCS is in the business of Software development and Consultancy Services and other allied businesses for its Clients world wide.
- b. Fr. Conceicao Rodrigues College of Engineering, Fr. Agnel's Ashram, Bandstand, Bandra(W), Mumbai is institute with the vision "Molding Engineers who can build the nation" with sole purpose of affordable technical education to all.
- c. The purpose of this MoU is with reference to exploring the areas of cooperation, benefiting both **the AIP Collaborating Institute** and TCS.
- d. Following the tradition of India's most admired corporate group TATA, TCS has been involved in strengthening the Academic Community around the world through TCS - Academic Interface Programme (AIP). AIP has been involved in various programmes to bridge the gap between campus and corporate and thereby enhancing the employability of emerging workforce. Some of these activities are: Workshop for students, Faculty Development Programs for teachers, Student Awards to encourage healthy competition at colleges, Internship Training opportunity for students.
- e. And Whereas Fr. Conceicao Rodrigues College of Engineering has evinced keen interest in the said TCS Academic Interface Programme and offered to be a part of it as a collaborator.

NOW THIS MoU WITNESSETH as follows:

### Areas of cooperation

1. TCS agrees to offer a package of TCS Academic Interface Programme, containing the following, to the AIP Collaborating Institute. TCS shall support the student and teacher communities through workshops, Faculty Development Programmes and student internships

Item #	Item Description	Target per year
1.	Workshops for students	4
2.	Faculty Development Programmes	2
3.	Best Student Award	1
4.	Best Student Project Awards (maximum of 4 students in the team)	1
5.	Internship	For 2% of the students offered placement in ICS

2. **The AIP Collaborating Institute** shall explore the possibilities of supporting TCS in its learning, hiring and research requirements based on mutual convenience.



S. P. J.



3. **Confidentiality:** Each party shall maintain complete confidentiality of any information of the other, disclosed during the term of this MoU ("Confidential Information"), either directly or indirectly in any form whatsoever including, but not limited to, in writing, in machine readable or other tangible form, orally or visually (subsequently reduced to writing). Both parties undertake to (i) hold all such Confidential Information in strictest confidence, (ii) not to disclose such Confidential Information either in whole or in part to any person other than those of its officers, employees and agents who need to know the Confidential Information for the purpose authorized hereunder provided that each such officer, employee or agent has agreed in writing to maintain the confidentiality of the Confidential Information in accordance with the terms hereof or (iii) not to use such Confidential Information for any purpose whatsoever save as may be strictly necessary for the performance of this MoU. This clause pertaining to confidentiality shall survive the term of this MoU and remain in full force and effect not withstanding any termination of this MoU.
4. **Intellectual Property Rights:** IPR titles or ownership of any products, proprietary information or technology tools, processes, utilities, and methodology including any TCS proprietary products or components thereof used hereunder or development of any deliverables and all new ideas, inventions, innovations, or developments conceived, developed, contributed, distributed or made by TCS hereunder, and all customisations, enhancements and modifications thereof, will not be transferred from TCS to the AIP Collaborating Institute on account of use of the same as part of any work under this MoU and shall always remain with TCS.
5. In no event shall either party be liable for any indirect, incidental, special, consequential damages, including, but not limited to, loss of profits, revenue, data or use, incurred by the other party in connection with, arising out of or under this MoU save for any such loss suffered resulting from any wilful and grossly negligent act or omission of either of the parties.
6. Neither this MoU, nor any activities described herein, shall be construed as creating a partnership, joint venture, agency or other such relationship. Both parties agree that this MoU represents a nonexclusive relationship between the parties and nothing contained herein shall preclude either party from participating/initiating similar relationship with third parties.
7. Neither party shall issue any press release, public announcement or other such disclosure concerning this MoU without the other party's prior written consent as to such release or announcement.
8. This MoU may not be amended without the prior written consent of both the parties.
9. This MoU will be effective for three years from 1 Apr, 2018 - 31 Mar 2021. This MoU can be renewed based on mutual convenience.
10. **Governing Law:** This MoU shall be governed by the laws of India and the Courts in Mumbai shall have exclusive jurisdiction.
11. **Termination:** Either party can cancel or terminate this MoU unilaterally (and without reason), by giving an advance written notice of one month to the other.



*[Handwritten signature]*

*[Handwritten signature]*



12. **Notices:** All notices, requests, demands and other communications under this MoU or in connection herewith shall be given to or made upon the respective parties as follows:

To TCS : Tata Consultancy Services Limited  
TCS House,  
Raveline Street, 21 D.S. Marg, Fort,  
Mumbai - 400 001.

To the AIP Collaborating Institute:  
Fr. Conceicao Rodrigues College of Engineering,  
Fr. Agnel's Ashram, Bandstand, Bandra(W),  
Mumbai - 400050

or to such other person or addresses as any of the Parties shall have notified to the others.

All notices, requests, demands and other communications given or made in accordance with the provisions of this MoU shall be in writing by letter, fax or telegram.

13. **Tata Code:**

The business activities of TCS are self regulated by the "Tata Code of Conduct." The AIP Collaborating Institute undertakes that it will endeavor to promptly report any violation or potential violation of the Code by any person to **the Local Ethics Counselor or the Principal Ethics Counselor or the CEO** of TCS. TCS, in turn, undertakes that it will maintain confidentiality of all communication received.

14. **FORCE MAJEURE:**

If either of the two parties is prevented, restricted, delayed or interfered by reason of:

- a) Fire, explosion, cyclone, floods, droughts, earthquakes, epidemics;
- b) War, revolution, acts of public enemies, blockage or embargo, riots and civil commotion;
- c) Any law, order, proclamation, ordinance or requirements of any Government or authority or representative of any such Government, including restrictive trade practices or regulations;
- d) Strikes, shutdowns or labour disputes which are not instigated for the purpose of avoiding obligations herein; Or
- e) Any other circumstances beyond the reasonable control of the party affected; then not withstanding anything here before contained, the party affected shall be excused from its performance to the extent such performance relates to prevention, restriction, delay or interference and provided the party so affected used its best efforts to remove such cause of non-performances, and when removed the party shall continue performance with the utmost dispatch.

Each of the parties agrees to give written notice to the other party upon becoming aware of an Event of Force Majeure, and mentioning details of the circumstances giving rise to the Event of Force Majeure.



Handwritten signature or initials.



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

IN WITNESS WHEREOF THE parties have set their hands hereto on the day and year first hereinabove written under their respective seal of office.

*Lata*

\_\_\_\_\_  
Authorised Signatory

Tata Consultancy Services Ltd.

*Sija*

\_\_\_\_\_  
Dr. Srija Unnikrishnan,  
Principal

Fr. C.R. College of Engineering

Witnesses:

1.

*Witness*

2.

*Ratan [Signature]*









**Christiani  
Sharpline**

*inter alia*, the sale of up-grade solutions and training products to technical institutes and training sectors of industries as well as manufacturing units.

Jointly agree to exchange their expertise in the field of Technical Vocational Education and Skill Development for mutual benefit and growth on the terms mentioned hereunder.

## 2. PURPOSE

The aim of this MOU is primarily to establish a written document under which both the Institute Department Of Production Engineering, Fr. Conceicao Rodrigues College Of Engineering & Christiani Sharpline may enter into a written agreement to perform collaborative programmes in the areas of mutual interest.

## 3. AREA OF COLLABORATION

Areas in which DPE – Fr. CRCE and CSTT may collaborate are as follows:

1. Work jointly on research projects (to be submitted to various funding agencies), consultancy assignments, faculty and staff development programmes, allow the credit transfer to PG/Ph.D. students working in these institutes etc.
2. Attend activities organized by the two institutions.
3. Start Collaborative Research Programme of mutual interests.
4. Industrial Visits at Christiani Sharpline
5. Developing Centre of Excellence.
6. Expert Lectures from Christiani Sharpline
7. Identify corporate training areas
8. Internship training
9. Provide training on software related to Mechanical Engineering

Any other activity not covered by this MOU shall be decided on a case to case basis by the two institutions – DPE – Fr. CRCE and CSTT.

## 4. AGREEMENT OF COLLABORATIVE PROGRAMMES

Each such collaboration undertaken by the institutes shall describe in details the following:

- The nature, scope and the time of collaborative schedule.
- The form as pursuant to Clause No.3 above.
- Any other provision as deemed to be necessary and agreed by both.

To prepare and finalize a concrete action plan and schedule for collaboration on priority areas as agreed upon by both.





**Christiani  
Sharpline**

**5. NODAL AUTHORITY**

The Nodal Officer from DPE – Fr. CRCE, shall be the **Principal, Fr. CRCE** or his nominee and the Nodal Officer from CSTT shall be the **General Manager – CSTT** or his nominee for all decision making and concurrence.

**6. IMPLEMENTATION AND ACTION PLAN**


CSTT and DPE – Fr. CRCE shall endeavor to finalize the details of implementation and action plan of collaborative efforts to execute the parts of this MOU from the academic year 2016-17.

This MOU shall be effective from the date of signing the same and shall remain in effect for the subsequent two years and may be renewed or discontinued thereafter by mutual consent.

In witness where of, the Two institutions hereto have executed this agreement on the date and the year first herein above written.

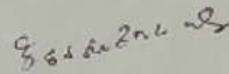
  
Dr. Srija Unnikrishnan  
Principal  
Fr. Conceicao Rodrigues College of Engineering

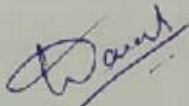


  
Mr. Mohan S. Iyer  
General Manager  
Christiani Sharpline, Navi Mumbai



Witness:

  
Prof. D.S.S. Sudhakar  
HOD – Production Engineering Dept

  
Mr. Chandrashekhar V  
AGM – Training



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S  
**FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING**

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104 • Fax : 6711 4100

Website : www.frce.ac.in • Email : crce@frce.edu.in

**MEMORANDUM OF UNDERSTANDING**

**Between**

**Fr. Conceicao Rodrigues College of Engineering and Mr. B.R. Prabhu**

This Memorandum of Understanding is entered into on 18th January 2017 between the Principal, **Fr. Conceicao Rodrigues College of Engineering (Fr. CRCE)** and **Mr. B.R. Prabhu 7/1, Gurudeo CHS, Hatiskar Marg, Prabhadevi Sea Face, MUMBAI - 400 025.**

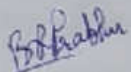
**Objectives and Scope of Work**

- The objective of the MOU is to execute industry projects in college in collaboration with the industries.
- The scope of the work includes securing projects from industry and executing the same with the help of faculty and staff members of Fr. CRCE by utilising laboratory facilities.
- The net revenue will be shared in the proportion of 40 : 60. The remuneration for the faculty and staff involved in executing the project will be met from the 60% share.
- This MOU will remain in force from 1st February 2017 to 31st January 2018. The same may be renewed on yearly basis with mutual consent.
- The MOU can be terminated with one months notice and/or on completion of the projects which are in progress at that point of time.

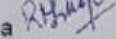
The MOU is signed on 18th January 2017 by both the parties with witness thereof.


  
**Dr. Srima Unnikrishnan**  
Principal  
Fr. Conceicao Rodrigues College of Engineering  
Fr. Agnel Ashram, Bandstand, Mumbai - 400050



  
**Mr. B.R. Prabhu**  
7/1, Gurudeo CHS, Hatiskar Marg,  
Prabhadevi Sea Face,  
MUMBAI - 400 025

Witness:

  
**Mr. Mahesh Sharma**  
Systems Manager & Trg. & Placement Officer

  
**Dr. D.V. Bhoir**  
HOD - Electronics Engg.

2-11  
1/17 approval  
L. V. V.  
18/1

## MEMORANDUM OF UNDERSTANDING

Between

**Fr. Conceicao Rodrigues College of Engineering and Mr. B.R. Prabhu**

This Memorandum of Understanding is entered into on 18th January 2017 between the Principal, **Fr. Conceicao Rodrigues College of Engineering (Fr. CRCE) and Mr. B.R. Prabhu 7/1, Gurudeo CHS, Hatiskar Marg, Prabhadevi Sea Face, MUMBAI - 400 025**

### Objectives and Scope of Work

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The MOU is signed on 18th January 2017 by both the parties with witness thereof.

**Dr. Srija Unnikrishnan**  
Principal  
Fr. Conceicao Rodrigues College of Engineering  
Fr. Agnel Ashram, Bandstand, Mumbai - 400050

**Mr. B.R. Prabhu**  
7/1, Gurudeo CHS, Hatiskar Marg,  
Prabhadevi Sea Face,  
MUMBAI - 400 025

Witness:

**Mr. Mahesh Sharma**  
Systems Manager & Trg. & Placement Officer

**Dr. D.V. Bhoir**  
HOD - Electronics Engg.

**MEMORANDUM OF UNDERSTANDING (MOU)**  
**BETWEEN**  
**VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE, MUMBAI**  
**AND**

**FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING, BANDRA, MUMBAI**

This MOU is entered into on the 02<sup>nd</sup> day of February 2017 by and between Veermata Jijabai Technological Institute (hereinafter called VJTI) located at Matunga, Mumbai and Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai (hereinafter called FR.CRCE), an engineering college located at Bandra (West), Mumbai

The aforesaid institutions are hereinafter referred to individually as institute and collectively as institutes.

**1. Preamble**

AICTE has announced number of initiatives under its Quality Improvement Scheme for the year 2016-17. Share and Mentor Institutions (Mergershan) is one of such schemes. The scheme envisages that a Hub 'n' Spoke system is to be established by an Institute of repute as a Mentor within an existing facility to serve as the hub to guide and disperse knowledge to ten technical institutions to encourage best practices. The secondary branches, the spokes, are additional services provided to faculty for self-improvement. Eventually, the Hub 'n' Spoke system will allow for inter-hamlet information sharing, such as technical education, research and sharing of resources to the entire system. VJTI, a premier Institute in the State of Maharashtra has been selected by the AICTE to serve as a Mentor Institute in the region.

**2. Objectives of the MOU**

The aim of this MoU is to stimulate and facilitate the development of collaborative and mutually beneficial programs which serve for technical upliftment of both campuses.

The objectives of the MOU are:

- a. To promote and enhance academic interaction between VJTI & FR. CRCE
- b. To share and implement best practices for enhancing quality of teaching learning processes
- c. To conduct faculty development programs for the benefit of teachers of member and other Institutes
- d. To conduct training programs for the benefit of non-teaching staff of member and other Institutes
- e. To provide internship opportunity to students of mentee Institutes at VJTI
- f. To provide help in developing laboratories, reference material, laboratory manuals etc.

**2. Duration**

This MOU shall remain effective from the date of execution until the end of the term of three (3) years. However, same also may be amended, terminated or extended by agreement.



*S.P.*  
PRINCIPAL

*Prady*  
Director  
Veermata Jijabai Technological Institute  
Matunga, MUMBAI - 400 016



**3. Terms and Conditions**

- Cost of development of any infrastructure at VJTI shall be borne by VJTI through the funds available under the scheme from AICTE and its own funds.
- The activities under this program shall be conducted either at VJTI or at FR.CRCE, preferably one at each Institute every year.
- The host Institute will bear all expenses towards hospitality and conduct of activity. Travel expenditure for the participating member shall be borne by the parent organization.
- Each Institute agrees to depute at least one and maximum two members for each of the faculty development / training programs planned by VJTI, except when the program has no relevance to Institute concerned.
- Any dispute pertaining to this MoU shall be referred to Director, VJTI and his/her decision will be binding on both the Institutes.

**4. 'Margadarshan' Coordinator**

Both the Institutes agree to designate a faculty member at least of the level of Associate Professor who will be responsible to plan, co-ordinate and implement activities undertaken under this MoU.

On behalf, of

Veerma Jijabai Technological Institute,  
Matunga, Mumbai



Witnesses

*[Signature]*  
Dr. V M Phalke

On behalf, of

*[Signature]*  
Director  
Veerma Jijabai Technological Institute  
Matunga, MUMBAI - 400 019

*[Signature]*  
PRINCIPAL  
Dr. Srija Unmikrishnan  
Principal, Fr. Conceicao Rodrigues College of  
Engineering,  
Bandra (W), Mumbai



Witnesses

*[Signature]*  
Dr. Bhushan T. Patil  
Professor, Fr. Conceicao Rodrigues  
College of Engineering, Bandra  
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Fr. Conceicao Rodrigues College of Engineering, Mumbai.

MEMORANDUM OF UNDERSTANDING

D-Link India Ltd.

And

Fr. Conceicao Rodrigues College of Engineering, Mumbai.

MEMORANDUM OF UNDERSTANDING



For V-LINK COMPUTERS

*Wichans*

Proprietor

This Memorandum of Understanding is signed by and between D-Link (India) Limited, a Company, a Public Limited Company incorporated under the Companies Act 1956 and duly represented by its Chief Executive Officer, Mr. Tushar Sighat, and having its principal office at Kalpataru Square, 2<sup>nd</sup> Floor, Unit No. 24, Khandivda Lane, Off Andheri-Kurla Road, Mumbai - 400072, India (hereinafter referred to as "D-Link")

And

Fr. Conceicao Rodrigues College of Engineering, Mumbai, Sion West, Mumbai Represented by Dr. Sunil Surve, HOD -Comp Engg & Authorized Signatory, (Hereinafter referred to as "Educational Institution") as follows (hereinafter referred to respectively as "Party" and jointly as the "Parties"):

**1. The subject of the agreement:**

D-Link, a public limited company pioneered in the field of Networking Technology in the country and engaged in the business of Trading of IT Networking products, D-Link and Educational Institution see a synergy in their objectives and agree to have collaboration in imparting Education programme in IT networking space. In order to achieve this, Educational Institution agrees to set up certification course in Networking Technology by utilizing D-Link's services, expertise and networking infrastructure.

D-Link intends to provide Educational Institution (EI) to set up training centre in IT Networking and to provide Technical specialists of D-Link. The educational programme is on the basis non-profit and commercial educational activities. D-Link will issue certificates to the successful candidates after completion of training.

**2. Duties and responsibilities of the Parties.**

**2.1. Educational Institution.**

2.1.1. To start up the D-Link authorized training centre, Educational Institution is required to have:

- (i) Availability of the annual work plan, curriculum and teaching materials recommended by D-Link;
- (ii) Availability of teachers/ Trainers / Technical persons certified from D-Link;
- (iii) Availability of equipment recommended for the training of certified specialists.

2.1.2 Educational institution shall not copy and change the any literature document provided to them by D-Link; however as per local need and student requirement can be considered as valuable suggestion to revise the literature and documents provided for the courses.



For V-LINK COMPUTERS

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Proprietor



2.1.3. Teachers of **Educational Institution** participating in the D-Link educational program are required every two years to renew their certificates in the regional representative office or any authorized training centre. When the certification exams are held in the academic centre of D-Link, the examination committee shall include representatives of D-Link.

2.1.4. **Educational Institution** shall provide proper infrastructure for training lab space and lecturing space. EI shall provide a Class Room with minimum sitting capacity of min. 20 students, equipped with Proper Infrastructure to host 24" Rack/9" Rack/6" Rack with Power supply Point, AC, minimum 4 PC/Laptop.

2.1.5. **Educational Institution** shall have a training schedule prepared along with fixed exam timetable over an evenly time break for each group of trainee.

2.1.6. **Educational Institution** must send at least min. two professional engineers for Train the Trainer (TTT) program, preferably of training background in IT.

2.1.7. **Educational Institution** shall provide D-Link with the list of course participants.

## 2.2 D-Link.

2.2.1. **D-Link** shall provide assistance in training teachers in deputied by Educational institutions as and when required.

2.2.2. **D-Link** shall carry out periodic inspection of the training centre and quality control of training.

2.2.3. **D-Link** specialist shall provide consultation to teachers in training centres on the technological features of the equipment and its configuration.

2.2.4. Subject to all the above conditions, **D-Link** shall issue a certificate recognizing **Educational Institution** as Authorized "D-Link Academy Partner" having an authorized training centre. **D-Link** reserves the right to issue the registered certificate of **D-Link**. The period of validity of the certificate shall be for two (2) years.

2.2.5. **D-Link** shall provide the lab equipment with Special Education discount with limited life time warranty; however, the equipment will be used only for the training and practicing purpose. Notwithstanding the foregoing, **D-Link** has the right to demonstrate and show the equipment whenever requested by its customers at **Educational Institution** premises, provided that prior scheduling for such demonstration is arranged between **D-Link** and **Educational Institution**, and a written note is sent by **D-Link**.

2.2.6. **D-Link** shall review the lab equipment and training material content periodically. If any changes are needed as per technology updates and based on market feedback, **D-Link** shall notify the **Educational Institution** and charge upon approval.

2.2.7. The lab equipment set up charges and course material charges shall be paid to **D-Link** and their Academic Partner. The examinations and training course conducted



For V-LINK COMPUTERS

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Proprietor

by **Educational Institution** and charged at its own discretion; charge per student per exam to be paid along with student kit purchase.

2.2.8. The GST and other applicable taxes on imparting the training and conduct courses shall be borne by the respective parties as per the applicable tax laws.

### 3. Terms and conditions.

3.1 None of the Parties during the term of this Agreement shall, without the prior consent of the other Party, disclose to third parties any confidential information, as well as information regarding the interests of the other Party, which became known due to the performance of this Agreement, or use the information for purposes not agreed upon in writing by the other Party.

3.2 The Parties by mutual agreement may make amendment and/or rectification to this Agreement. The changes that are made in writing to this Agreement and duly signed by both the Parties constitute an integral part of this Agreement.

3.3 Terms of this Agreement, either directly or indirectly, shall not give rights to the Parties of any other obligations that are not explicitly specified in this Agreement.

3.4 Any training documents including training material, brochures, datasheets and other D-Link Academy related documents cannot be duplicated/copied without prior approvals.

3.5 "The D-Link Academy", D-Link logo and all D-Link literatures are registered trademark and D-Link is officially own these titles.

3.6 This Agreement is effective for One (1) year from the date of the last executing signature by the Parties hereto as shown below and be automatically extended for a further year if neither Party makes a written declaration of its intention to terminate this Agreement (no later than thirty (30) calendar days before the estimated date of termination). Notwithstanding the foregoing, D-Link may terminate this Agreement with sixty (60) day prior notice.

3.7 This Agreement is made in two copies and one for each Party. Each copy of this Agreement shall have equal legal force.

### 4. Commercial:

For commissioning D-Link Academy training programs, initial cost of lab equipment and setup is involved. The **Educational Institution** is going to bear the commissioning investment supplied by Academic Partner.



For V-LINK COMPUTERS

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**4.1. Course Fees & Certification/Module Charges to Students:**

D-Link recommends following fee structure for the training program

Sl. No.	Fee description	Fees (Rupees)	Remarks
1	Course Fees/Module	Rs.5000	This fee for the complete course collected by the Institute and 70% will be given to Campus (Fr. Conceicao Rodrigues) & 30% to D-Link (India) Ltd.  Remarks: D-Link does not want this 5% for first 500 Students.
2	Student training Kit/Module	Rs.1250	Payment to D-Link (Optional).
3	Exam Fees/Module	Rs.2500	On-line exams are registered and to be appeared on D-Link expertise portal and payment to D-Link (India Ltd).

\*Admission Fee Payment: in favour of Fr. Conceicao Rodrigues College of Engineering, Mumbai + GST additional Registration. For Certification/Module has to be shared to D-Link along with Student's registration Form.

\*Course Timing is mentioned on Student's registration Form.

4.2.1. Educational institution has right to increase or decrease the course fees.

4.2.2. Educational institution shall buy the Student kits from D-Link or D-Link authorized sales channels, it is advisable to have student kit with every participant of the course, Exam Voucher is part of Student Kit.



**For V-LINK COMPUTERS**

*W. Chavan*

**Proprietor**

4.2.3. **D-Link** recommends minimum 20 students in a batch.

4.2.4. **Educational Institution** shall impart 28 hours of training to the student based on availability of time without affecting their regular curriculum or shall be included in Educational institution's semester elective.

5.1 The functioning of object of this MoU has to be jointly at the end of one year for introducing any changes in its operations.

5.2 Each party shall respect the other's intellectual property (IP) and shall not use any trade name, trade mark, symbol or designation belonging to the other, without prior approval. No Party shall acquire any right in the other Party Intellectual Property pertaining to any information disclosed by the Party pursuant to this MoU and any Intellectual Property so disclosed shall be owned, controlled and remain vested in the party disclosing such Intellectual Property. No party shall hold out as an agent or representative of the other or create any liability for the other. The parties shall indemnify the other for breach of this clause.

5.3 D-Link shall not be held responsible for any eventual inability to provide facilities due to force-majeure reasons or due to circumstances beyond the control of D-Link.

5.4 Where the above articles of understanding are silent, or for special cases of deviation from these articles, the mutually agreed upon decision between D-Link and Educational Institution will be final. However, in case of any dispute relating to or arising out of this MOU, shall be resolved amicably by mutual consultations. If such resolution is not possible, then, the unresolved dispute or difference for more than 2 months shall be referred to the arbitration of sole Arbitrator to be mutually appointed by D-Link and Fr. Conceicao Rodrigues College of Engineering, Mumbai. The Arbitration Act of 1940 (10 of 1940) and Rules framed thereunder, as amended from time to time, shall be applicable to such arbitration proceedings under this clause. The venue of all the arbitration proceedings shall be Mumbai.

6. Attachments to the MoU:

1. DCS switching/DCS-Wireless/DCS-Surveillance.

In witness whereof, the Parties hereto have caused this Agreement to be signed by their duly authorized representatives as of the date and year set forth as below.

**D-Link India Limited Ltd**  
(Signature)

(Mr. Tushar Sighat)

(Chief Executive Officer)

(Date: \_\_\_\_\_)

Fr. Conceicao Rodrigues College of Engineering,  
(Signature)

(Dr. Sunil Surve)

(HOD-Computer Engg)

(Date: \_\_\_\_\_)

Witness and Third Party to MOU:

*Sudhakar Singh*  
Ckt D-link (Head of)  
27/03/2017.



For V-LINK COMPUTERS

*Wahare*

Proprietor



# United Modeling & Simulation Pvt. Ltd.

## Memorandum of Understanding (MoU)

This Memorandum of Understanding is entered into on the 15th day of December 2015  
Between:

**United Modeling & Simulation Pvt Ltd (here after called "UMS")**, a company formed under the laws of India and having its registered office at #304, B-Wing, Kanakia Zillion, L.B.S. Marg, Kurla, Mumbai – 400 070, India.

And

**Fr. Conceicao Rodrigues College of Engineering, Bandstand, Bandra (W), Mumbai, Maharashtra 400050 (here after called "Fr CRCE")**, affiliated to Mumbai University.

Whereas UMS is a leading provider of Engineering, Manufacturing and Software Solutions to global customers leveraging their world wide experience.

Whereas UMS has the capability to serve top global companies from Aerospace & Aviation, Automotive & Automobile, Pharmaceuticals, Chemicals & Petro Chemicals, Oil & Gas, Energy Power & Utilities, Consumer Products, Defense & Security, Engineering, Construction, and Operations Maintenance, Medical Simulation & Healthcare, Life Sciences, High Technology, Higher Education & Research, Industrial Machinery & Components, Banking, Insurance, Professional Services, Retail etc..

Fr. CRCE is an institute of excellence in engineering education, moulding engineers with state-of-the-art technologies, innovative skills and human values matching with the growing expectations of the corporates and the society and thus play an effective role in nation building.

Whereas UMS and Fr. CRCE are desirous of exploring opportunities for collaborating with each other on the terms set out in this MoU.

1. UMS desires to seek assistance/guidance of Fr. CRCE for providing consultancy and design to industry specific problems to customers in various industry segments across India and Abroad, on mutually agreeable basis.
2. Sponsoring student projects of UG/PG courses in Mechanical, Production, Electronics, Computer science and Information technology.
3. Sponsoring eligible employees of UMS for doing M.E/Ph.D. degrees in Fr CRCE. The eligibility criteria for selection will be as per norms of Mumbai University.
4. Sponsoring R&D projects, which may be carried out wholly at FR CRCE or at premises of UMS or partly at FR CRCE and partly at UMS.
5. Training of UMS personnel through Continuing Education Programmes conducted by Fr CRCE in areas of interest to UMS.
6. Any other appropriate mode of interaction agreed upon between Fr CRCE and UMS.
7. Each of the above modes of interaction will be initiated by entering into a separate agreement between the two parties.
8. The proposals in which both parties agree for joint collaboration with mutual consent, the parties shall enter into a detailed agreement incorporating therein the detailed scope of work and services to be performed by the parties, their obligations, liabilities, costs, profit sharing and other terms and conditions, etc.



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**"SIMULATION IS OUR ONLY BUSINESS"**



# United Modeling & Simulation Pvt. Ltd.

UMS and Fr. CRCE agree to use good faith and efforts to enter into a formal agreement to give effect to the intentions of the parties described herein.

10. Until the execution of such formal agreement, UMS and Fr. CRCE will collaborate on mutually agreed terms mentioned in this MoU.
11. This MoU shall terminate on execution of formal agreement between both parties or on mutual agreement to exit this MoU or period of 24 calendar months from the date of the MoU. This MoU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MoU upon 60 days prior written notice to the other party. However, no such early termination of this MoU, whether mutual or unilateral, shall affect the obligations of the participants under any agreement, Confidentiality clause or any other agreement entered into pursuant to this MoU, which obligations shall survive any such termination.
12. Rights regarding publications, patents, royalty, ownership of software/design/product developed etc. under the scope of this MoU, shall be decided by the two parties by mutual consent.
13. During the tenure of the MoU both CMS and Fr. CRCE will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MoU for any purpose other than in accordance with this MoU.
14. This MoU is intended to serve as a mere confirmation of the Parties' current intention to enter into a binding agreement. Nothing in this MoU shall create upon any Party or its officers, directors, employees or consultants any legal or other enforceable obligation including, but not limited to, any obligation to enter into the definitive agreement or any other agreement. Unless otherwise agreed in writing by all Parties, no Party shall be liable to the others for any losses, damages, costs, expenses or any other detriments (collectively, "Losses") suffered as a result of the failure of any Party to enter into a definitive agreement, whether or not the Party or Parties that suffered such Losses believed in or relied upon the likelihood of a definitive agreement to be made.

For  
United Modeling & Simulation Pvt Ltd

Signature:

Name: Mr. Amir Khan

Title: Executive Director

Place: Mumbai

Date: 4<sup>th</sup> Jan 2016



For  
Fr. Conceicao Rodrigues College of  
Engineering

Signature:



Name: Dr. Srija Unnikrishnan

Title: Principal

Place: Mumbai

Date: 4<sup>th</sup> Jan 2016

MEMORANDUM OF UNDERSTANDING

BETWEEN

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Agnel Ashram, Bandra (West), Mumbai - 400 050.

(Affiliated to the University of Mumbai)

AND

SENERGY CONSULTANTS PVT LTD, MUMBAI

33, Ashta II, H.S. Devshi Road, Govandi (East), Mumbai - 400 065, Maharashtra, INDIA.

WHEREAS,

Fr. Conceicao Rodrigues College of Engineering (CRCE) was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai by the Society of St. Xavier Piar and is named after its founder late Rev. Fr. Conceicao Rodrigues. The college is affiliated to University of Mumbai. The college has acquired a good reputation for its academic standards.

The major characteristics of college are

Well experienced, dedicated staff. Most of our faculty members have rich experience in Industry / R & D establishments. Well Equipped Laboratories. Computing facilities with campus wide network and Management, with a commitment.

WHEREAS,

SENERGY was founded with this concept in early 1990 and has grown up with the same. As the name emphasizes, it's the synergy between SENERGY and the Client that alone can facilitate optimum utilization of energy. Senergy believes that ultimate aim of the study is actual realization of the savings.

SENERGY have over 450 satisfied Clients with many repeat orders from their Sister / Associate Concerns. SENERGY is empanelled Consultant with Maharashtra Energy Development Agency (MEDA) & Gujarat Energy Development Agency (GEDA).

WHEREAS, both CRCE and SENERGY, now

- Recognizing the importance of industry institute interaction in the areas Energy Conservation and Efficiency, as well as imparting industrial exposure to the engineering faculties and for students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to Energy Audit and Management.
- Desiring to club their efforts by pooling their expertise and resources.

NOW, THEREFORE, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both CRCE and SENERGY hereby acknowledge, CRCE and SENERGY hereby agree to sign a memorandum of understanding (MOU).



Signature of Fr. Conceicao Rodrigues



Signature of Senergy representative

FOR THE KADOL-GOD-DP BANK LTD.  
KADOL-GOD-DP BANK LTD.  
Vive Park (East) Branch  
107, TQ-D-Siddhantkamal Building,  
Mumbai, Maharashtra, India  
Mumbai - 400 047  
C. S. TRIPATHI, R. 1061, 1060/3, 1065-32

INDIA  
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R. 00001001-PB5503  
STAMP DUTY  
MAHARASHTRA  
AUG 25 2015  
11:45

We agree upon the following conditions.

1. The projects will be jointly carried out by CRCE and SCPL.
2. All appointments, management of manpower and travel arrangement to the staff of CRCE may be carried out by SCPL in joint discussion subject to availability of CRCE staff.
3. Attendance and outside duty record of appointed of CRCE staff is to be monitored by CRCE.
4. Progress of the project is evaluated and documented by CRCE.
5. Publication of papers and presentations is based on the knowledge generated out of collaborative work will be done by CRCE and SCPL in mutual consultation, if required.
6. CRCE and SCPL hereby agree on their behalf and on behalf of those upon whom they can exercise control to keep all the information, technological and other relevant information obtained from collaborative work and generated during the research project in strict confidence and the same shall not be divulged to any third party without prior approval of each other.
7. Both parties agree that the terms and conditions of MOU can be reviewed for every two years.
8. The honorarium is paid by SCPL to CRCE as consultancy work.

WITNESS WHEREOF the parties have caused their authorized representatives to sign this MOU on their behalf on the day, month and year mentioned hereinbefore.

Parties

For and on behalf of CRCE

Principal  
(Signature with stamp)



For and on behalf of SCPL

Director  
(Signature with stamp)





**AGREEMENT OF COOPERATION**  
**BETWEEN**  
**Fr. Conceicao Rodrigues College of Engineering**  
**AND**  
**The University of Texas at El Paso**

The University of Texas at El Paso, addressed at 500 W. University Ave., El Paso, Texas, United States of America (hereinafter referred to as "UTEP") and the Fr. Conceicao Rodrigues College of Engineering, located at Fr. Agnel Ashram, Bandstand, Bandra (w), Mumbai, Maharashtra, India (hereinafter referred to as "Fr.CRCE") enter into an Agreement of Cooperation to establish a program of exchange and collaboration in areas of interest and benefit to both institutions.

**I.**

The purposes of the cooperation between UTEP and Fr.CRCE are as follows:

- to promote interest in the teaching and research activities of the respective institutions, and
- to deepen the understanding of the economic, cultural and social issues environment of the respective institutions.

**II.**

To achieve these goals, UTEP and Fr.CRCE will, insofar as the means of each allow:

- promote institutional exchanges by inviting faculty and staff of the partner institutions to participate in a variety of teaching and/or research activities and professional development;
- receive undergraduate and graduate students of the partner institution for periods of study and/or research;
- organize symposia, conferences, short courses and meetings on research issues;
- carry out joint research and continuing education programs; and
- exchange information pertaining to developments in teaching, student development and research at each institution.

**III.**

Each institution shall designate a coordinator to oversee and facilitate the implementation of this agreement. The coordinators, working with other appropriate administrators at the respective universities, shall have the following responsibilities:

- to promote academic collaboration at both faculty, graduate and undergraduate student levels for research and study;
- to act as principal contacts for individual and group activities and to plan and coordinate all activities within their institutions as well as with the partner institution;
- to distribute to each institution information about the faculty, facilities, research, publications, library materials and educational resources of the other institution; and
- to meet periodically to review and evaluate past activities and to work out new ideas for future cooperative agreements.

**IV.**

This general Agreement of Cooperation shall be identified as the parent document of any program agreement executed between the parties. Further agreements concerning any program shall provide details concerning the specific commitments made by each party and shall not become effective until they have been reduced to writing and executed by the duly authorized representatives

of the parties. The scope of the activities under this agreement shall be determined by the funds regularly available at both institutions for the types of collaboration undertaken and by financial assistance as may be obtained by either institution from external sources.

V.

Except as may be stipulated in any specific program agreement, each institution shall be responsible for expenses incurred by its employees under this agreement.

Both parties understand that any financial arrangements will have to be negotiated and mutually agreed upon in writing prior to any endeavor under this agreement, and will depend on the availability of funds.

VI.

Upon approval by each institution, this agreement shall remain in effect for a period of ten (10) years unless terminated earlier by either institution. Such termination by one institution shall be effected by giving the other institution at least ninety (90) days advance written notice of its intention to terminate. If such notice is given, this agreement shall terminate: (a) at the end of such ninety (90) days; or (b) when all students enrolled in a course of study under the agreement at the time such notice is given have completed their respective courses of study under the agreement, whichever event occurs first. Termination shall be without penalty. If this agreement is terminated, neither UTEP nor Fr.CRCE shall be liable to the other for any monetary or other losses which may result.

EXECUTED by The University of Texas at El Paso and the Fr. Conceicao Rodrigues College of Engineering, in duplicate copies, each of which shall be deemed an original.

THE UNIVERSITY OF TEXAS AT EL PASO

FR. CONCEICAO RODRIGUES  
COLLEGE OF ENGINEERING

By: 

Diana Natalicio

President

Date: 4/26/16

By: 

Srija Unnikrishnan

Principal

Date: 21<sup>st</sup> March 2016



FR. CONCEICAO RODRIGUES COLLEGE OF  
ENGINEERING (FR. CRCE)  
Fr. Agnel Technical Complex, Bandstand, Bandra (W),  
Mumbai - 400050 (MAHARASHTRA)



LALBHAI DALPATBHAI COLLEGE OF  
ENGINEERING (LDCOE)  
Opp. Gujarat University Campus, Navrangpura,  
Ahmedabad - 380015 (GUJARAT)

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on this day, the 2<sup>nd</sup> of November 2015 between :-

Fr. Conceicao Rodrigues College of Engineering, having its registered office located at the Fr. Agnel Technical Complex, Bandstand, Bandra (W), Mumbai - 400050 (hereinafter referred to as "Fr. CRCE" which expression shall include its representatives, successors and assignees) of one part.

AND

Lalbhai Dalpatbhai College of Engineering, having its registered office located at No. 120, Circular Road, Opposite Gujarat University, Navrangpura, Ahmedabad - 380015 (hereinafter referred to as "LDCOE" which expression shall include its representatives, successors and assignees) of other part.

Fr. CRCE and LDCOE are jointly referred to as 'Parties' in this MoU.

Whereas Fr. CRCE and LDCOE have expressed mutual interest in setting up a strategic partnership towards academic excellence & tie-up through faculty & students exchange, sharing of resources, collaboration for joint research activities.

In consideration of the mutual obligations herein contained, the parties agree as follows:-

### OBJECTIVE AND SCOPE OF WORK

#### **LDCOE RESPONSIBILITIES**

1. Facilitate use of Siemens Centre of Excellence (CoE) training facility for post-graduate students of Fr. CRCE.  
*as per the mutual consent.*
2. Provide Internships to students from Fr. CRCE wherever applicable especially in Siemens CoE at a nominal cost for training and the accommodation.
3. Provide knowledge sharing on latest technologies with students & faculty of Fr. CRCE.
4. Collaborate for joint research proposals, activities & initiatives with students & faculty of Fr. CRCE.

#### **Fr. CRCE RESPONSIBILITIES**

1. Assign one faculty member as point of contact to act as liaison with LDCOE for co-ordination of responsibilities.
2. Exchange of faculties as resource persons with expertise in Embedded Systems, Robotics, Biomedical Engineering & Industrial Automation for guest lectures, expert talks & other academic collaborations.
3. Nominate expert staff members for knowledge sharing in areas of VLSI, Microelectronics & other domains as mentioned in the above point no. 2.

Email :- [crce@frcrce.ac.in](mailto:crce@frcrce.ac.in)

Website :- [www.frcrce.ac.in](http://www.frcrce.ac.in)

4. Provide knowledge sharing & academic guidance to M.Tech. & Ph.D. students of LDCOE in Biomedical Engineering, VLSI, Embedded Systems & Robotics for their research work.
5. Collaborate with staff & students of LDCOE for joint research proposals, activities & other academic initiatives.

#### ADDITIONAL POINTS

- Faculties and/or students from colleges other than Fr. CRCE might incur a cost if they choose to attend any workshop conducted at LDCOE.
- FCRCE cannot use the name / logo of L. D. College of Engineering (LDCOE) & Siemens Centre of Excellence (CoE) on their website or on any event publicity unless permission is granted by respective companies.

#### VALIDITY

This MoU is valid for three years from the date of signing of this MoU. Thereafter the MoU may be renewed for such term and on conditions as may be agreed between the parties.

#### NO ASSIGNMENT

Neither party without the written consent of the other may assign either the benefit or the burden of this MoU to anybody or any third party.

#### TERMINATION

Either party may terminate the MoU for cogent, operational and logical reasons, by giving to the other party 30 days notice in writing.

#### NOTICES

Notices would be deemed to have been given provided they are sent in writing by registered mail and a copy of the same is faxed to either of the parties by the other party to the following addresses.

**Principal**  
**Lalbhai Dalpatbhai College of Engineering**  
No. 120, Circular Road, Opp. Gujarat University  
Navrangpura, Ahmedabad – 380015.  
Phone :- 079 2630 6752  
Email :- ldce\_ciiilp@yahoo.com

**Principal**  
**Fr. Conceicao Rodrigues College of Engg.**  
Fr Agnel Ashram, Bandstand, Bandra (W),  
Mumbai – 400050.  
Phone :- 022 – 67114000  
Email :- crce@frcrce.ac.in

#### ENTIRE AGREEMENT

This document represents the entire agreement between the Parties regarding the subject matter of this MoU and can only be amended or modified by an agreement in writing signed by the Parties hereto.

#### LEGAL EFFECT

This document is **not intended** to impose any legal obligation whatsoever on either party (whether based in contract under statutory law). The parties **do not intend to be bound by any agreement** until both agree to

Email :- [crce@frcrce.ac.in](mailto:crce@frcrce.ac.in)

Website :- [www.frcrce.ac.in](http://www.frcrce.ac.in)

and sign a definitive written contract. Neither party can rely on any promises inconsistent with this paragraph. This paragraph supersedes all other conflicting language.

### SIGNATURES

This MOU will come into effect on the day date of signature of the representative of both parties as given:-

For Fr. CRCE

Signature: \_\_\_\_\_

Name: Dr. (Mrs.) Sridha Unnikrishnan

Title: Principal, Fr. CRCE

Date: 2<sup>nd</sup> November 2015

For LDCOE

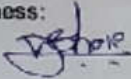
Signature: \_\_\_\_\_

Name: Dr. G. P. Vaidya

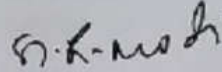
Title: Principal, LDCOE

Date: 2<sup>nd</sup> November 2015

Witness:



Dr. Deepak V. Bhoir



Mr. Sunil Modi



Email :- [crce@frcrce.ac.in](mailto:crce@frcrce.ac.in)

Website :- [www.frcrce.ac.in](http://www.frcrce.ac.in)

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is signed BETWEEN

Guru Nanak Khalsa College of Arts, Science and Commerce, Malunga, Mumbai 400019, India (hereinafter referred to as GNKC),

and

Fr. Connelico Rodrigues College of Engineering having its registered office at Band Stand Bandra West, Mumbai 400050, Maharashtra, India (hereinafter referred to as FRCRCE)

We understand the significance of inter-disciplinary research and both organizations have agreed to engage in active scientific research, student/ staff exchange program for the DST project titled (Proposal No. IDP/IND/13/2013 - (General) DST "Designing and construction of a volatile separating and sampling device based on Thermo-Kinetic principle" Principally investigated by Dr B.S. Ajit Kumar and for any other mutually agreeable future research projects.

We agree upon the following conditions.

1. The project will be jointly carried out at Fr. CRCE and GNKC laboratories depending upon the requirements and infrastructure facilities.
2. All appointments, management of manpower and paying stipend to be research scholars are the responsibility of GNKC.
3. Attendance and leave record of appointed staff is to monitored by the organization where these employees are working.
4. All purchases for the for the research project " Proposal No. IDP/ND/13/2013 - (General) DST " to be approved by a common committee comprising of four persons (from relevant subject area) equally constituted from both the organizations.
5. Progress of the research project is to be evaluated and documented by a common committee comprising of four persons (from relevant subject area) equally constituted by both the organisations.
6. All these committees can be reconstituted on mutual consent.
7. The research proposals may be submitted to various funding agencies if decided jointly by Fr.CRCE and GNKC for financial support.
8. The expenditure for the collaborative project will be borne by respective institutions.
9. The scientific terminologies used in this MOU shall have the meaning generally ascribed to them.
10. Publication of papers and presentations in seminars based on the knowledge generated out of collaborative work will be done by Fr. CRCE and GNKC in mutual consultation.
11. The extent of ownership of Intellectual Property Rights (IPR) arising out of this research work shall be mutually decided depending upon data generated.
12. FRCRCE and GNKC hereby agree on their behalf and on behalf of those upon whom they can exercise control to keep all the information, technological and other relevant information obtained from co-aborative work and generated during the research project, in strict confidence and the same shall not be divulged to any third party without prior approval of each other.
13. Both parties agree that the terms and conditions of MOU can be changes with mutual understanding.

For THE FRCRCE  
 Fr. Connelico Rodrigues  
 Fr. Connelico Rodrigues College of Engineering  
 Band Stand Bandra West, Mumbai 400050, Maharashtra, India  
 Phone: 022-25511111  
 Fax: 022-25511111  
 E-mail: frcrce@frcrce.edu.in  
 Website: www.frcrce.edu.in

THE FRCRCE  
 Fr. Connelico Rodrigues  
 Fr. Connelico Rodrigues College of Engineering  
 Band Stand Bandra West, Mumbai 400050, Maharashtra, India  
 Phone: 022-25511111  
 Fax: 022-25511111  
 E-mail: frcrce@frcrce.edu.in  
 Website: www.frcrce.edu.in

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14. Various committees constituted are

a) Purchase Committee

Sr No	Members	Designation and Institute
1	Dr Chandra B Maurya	Head, Department of Chemistry, GNKC
2	Dr Meeta Rakesh	Associate professor, Department of Chemistry, GNKC
3	Prof Kashyap Anandpara	Fr. CRCE
4	Dr. Brushan Patil	Fr. CRCE

b) Progress Evaluation Committee

Sr No	Members	Appointed by
1	Dr Nitin Nimkar	GNKC
2	Dr Jayascoreyan M.N	GNKC
3	Prof Kashyap Anandpara	Fr. CRCE
4	Prof D.S.S Sudhakar	Fr. CRCE

WITNESS WHEREOF the parties have caused their authorized representatives to sign this MOU on their behalf on the day, month and year mentioned hereinbefore.

Parties

For and on behalf of Fr. CRCE

Principal  
(Signature with stamp)

For and on behalf of GNKC

Principal/Principal Investigator  
(Signature with stamp)





## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made on this day, the 5<sup>th</sup> of January, 2016 between:

**Fr. Conceicao Rodrigues College of Engineering**, having its office located at Fr Agnel Ashram, Bandstand, Bandra(W), Mumbai, Maharashtra (hereinafter referred to as 'Fr. CRCE' which expression shall include its representatives, successors and assignees) of one part

AND

**Eduvance**, the educational arm of Vanmat Technologies Pvt. Ltd. having its registered office located at 202 Mary Anne Heights, Santacruz (East), Mumbai 400055, (hereinafter referred to as "Eduvance" which expression shall include its representatives, successors and assignees) of other part.

Fr.CRCE and Eduvance are jointly referred to as 'Parties' in this MOU.

WHEREAS: Fr.CRCE and EDUVANCE have expressed mutual interest in setting up a "Center of Excellence in Remote Learning Technologies (COERLT)"

In consideration of the mutual obligations herein contained, the parties agree as follows:

### OBJECTIVE AND SCOPE OF WORK

#### EDUVANCE RESPONSIBILITIES

1. Donate the necessary hardware equipment to Fr.CRCE for the setup of the COERLT (As per annexure 1)
2. Setup the COERLT in collaboration with hardware donated by ARM University Program
3. Donate the necessary software to Fr.CRCE for successful functioning of the COERLT (As per annexure 1)
4. Conduct one faculty development workshop per year at no cost for faculty of Fr.CRCE.
5. Conduct two student training workshops per year at no cost for the students of Fr.CRCE (as per annexure 2)
6. Provide internships to students from Fr.CRCE where applicable.
7. Provide knowledge sharing on latest technologies with students and faculty of Fr.CRCE for research activities.
8. If the infrastructure of the COERLT is used for any commercial purpose by Eduvance, then Eduvance will share 25% of the revenue generated from the activities pertaining to the COERLT with Fr.CRCE.



8. If the infrastructure of the COERLT is used for any commercial purpose by Eduvance, then Eduvance will share 25% of the revenue generated from the activities pertaining to the COERLT with Fr.CRCE.

#### **CRCE RESPONSIBILITIES**

1. Assign one faculty member as a point of contact to act as a liaison with Eduvance for coordination of Eduvance's responsibilities.
2. Provide space for the use of the donated equipment with necessary power supply and furniture arrangements in discussion with Eduvance.
3. Fr.CRCE would provide (on a best effort basis) a dedicated internet connection of 5Mbps to the COERLT during the working hours of 9am to 5pm daily.
4. Fr.CRCE would provide a dedicated internet connection of 35Mbps during the working hours of 5pm to 9am daily.
5. Fr.CRCE will allow Eduvance to use the COERLT for Eduvance's own purposes of research and internal employee trainings.
6. Fr.CRCE would accommodate the skill development program that Eduvance will be conducting in its semester schedule.
7. Fr.CRCE will motivate students and faculty to adopt the COERLT activities.

#### **VALIDITY**

8. This MOU is valid for three years from the date of signing of this MOU. Thereafter the MOU may be renewed for such term and on conditions as may be agreed between the Parties. The MOU can be modified at the end of every year with mutual consent of both the parties.

#### **NO ASSIGNMENT**

9. Neither party without the written consent of the other may assign either the benefit or the burden of this MOU to anybody.

#### **TERMINATION**

10. Either party may terminate the MOU for cogent and logical reasons, by giving to the other party 50 days' notice in writing.
11. On termination of MOU, the hardware that is donated to Fr.CRCE will remain at Fr.CRCE as its property.

Contact Us: [contact@eduvance.in](mailto:contact@eduvance.in)

Website:- [www.eduvance.in](http://www.eduvance.in)

**NOTICES**

12. Notices would be deemed to have been given provided they are sent in writing by registered mail and a copy of the same is faxed to either of the parties by the other party to the following addresses.

**CEO**  
**Eduvance**  
Vanmat Technologies Pvt. Ltd.  
A 202 Mary Anne Heights,  
3<sup>rd</sup> Golbar Road,  
Santacruz (East), Mumbai 400055  
Ph.No.: +91-9820749235

**Principal**  
**Fr.CRCE**  
Fr. Agnel Ashram,  
Bandstand, Bandra (W), Mumbai  
Mumbai, Maharashtra  
Phone

**ENTIRE AGREEMENT**

13. This document represents the entire agreement between the Parties regarding the subject matter of this MOU and can only be amended or modified by an agreement in writing signed by the Parties hereto.

**SIGNATURES**

14. This MOU will come into effect on the day date of signature of the representative of both parties as given :

For Fr.CRCE :

Signature: \_\_\_\_\_

Name: Dr. Srija Unnikrishnan

Title: Principal

Date: 05/01/2016



For Eduvance

Signature: \_\_\_\_\_

Name: Dr. Jonathan Joshi

Title: C.E.O, Eduvance

Date: 05/01/2016



Contact Us: [contact@eduvance.in](mailto:contact@eduvance.in)

Website:- [www.eduvance.in](http://www.eduvance.in)

## ANNEXURE 1

Annexure 1 - Lab setup infrastructure by FRCRCE

Item	Quantity	Source	Cost to Fr.CRCE*
Lab Space	1	Fr.CRCE	Existing lab space will suffice.
Remote FPGA and Modules	5	Edkits Electronics	No cost Donation by Eduvance (Industry Cost – 5 Lakhs)
Remote ARM FRDM Modules	5	Edkits Electronics	No cost Donation by Eduvance (Industry Cost – 4 Lakhs)
Server	1	Computer Shop	No cost Donation by Eduvance (Approx INR 38,000)
Software for Remote FPGA Modules	10	Eduvance	No Cost (Donation from Eduvance) (Actual cost – Rs. 60,000 per module – Total 6,00,000)
Cloud Based Equipment Reservation System	1	Eduvance	No cost Donation by Eduvance (Approx INR 5,00,000)
		<b>Total Donation Cost</b>	<b>INR 20,38,000</b>

Contact Us: [contact@eduvance.in](mailto:contact@eduvance.in)

Website:- [www.eduvance.in](http://www.eduvance.in)

## Annexure 2 – Skill Development Activities by Eduvance at Fr.CRCE

- Eduvance will conduct one certificate training program per year for all (72 students) of 3<sup>rd</sup> and final year ETRX students at **no cost for a period of 3 years** from the date of lab setup.
  - Each training program will be of 3 days/24 hour duration on any of the following as decided by Fr.CRCE
    - ARM Mbed
    - PSoC
    - FPGA Design
    - VLSI Design
    - Actual cost per student per training – Approx Rs. 5000
- Eduvance will conduct one certificate training program per year for all faculty members of the ETRX department at **no cost for a period of 3 years** from the date of lab setup.
- Eduvance will provide two students per year with an internship at its facilities **for a period of 3 years** from the date of lab setup.
- Eduvance will guide and mentor one mini project and one final year project from Fr.CRCE **for a period of 3 years** from the date of lab setup.