



# Impact of MOU's

Department of Computer Engineering

2019 - 2020

## About the Department

The Department of Computer Engineering at Don Bosco College of Engineering (DBCE), established in the year 2011 with an aim to make contributions towards the student community and society as a whole by providing a stimulating research environment complemented by quality teaching. The Department strives to enable students to acquire knowledge and skills in subjects of Computer Science as well as enrich their personal, cognitive, social development and to equip them with skills preparing them for a challenging future.

For this reason the Department strives to emulate an academic culture that is on par with the best institutes in the state.

## Vision

Our Vision:

To be recognized as a center of excellence in the field of Computer Engineering, engaging with and maintaining a strong association with leading organizations, nurturing professionals and entrepreneurs with a positive mind set coupled with societal concern.

## Mission

Our Mission

- To keep pace with the latest software and hardware development within and beyond the curriculum so as to nurture competent professionals.
- To enhance research opportunities and entrepreneurship opportunities in the department by promoting application based education and partnership with the industry
- To foster a holistic learning ambience by inculcating professional behavior, problem solving skills, student- faculty collaboration and socio-ethical awareness.

The purpose of collaborating with reputed Institutes is threefold.

1. The Department recognizes the mutual interest in the fields of training and development and dissemination of knowledge.
2. To recognize the importance of an Industry Partner within its field of expertise
3. To provide a platform where experts from the corporate world and students come together to promote research and innovation ability among budding engineers.

The Department has signed a Memorandum of Understanding (MoU) with the following reputed organisations

<b>Sr. no</b>	<b>Name of Organisation/Institute</b>	<b>Date of Signing</b>
1.	Cloud Counselage Pvt. Ltd. Mumbai -Maharashtra	15 <sup>th</sup> October 2019
2.	Internship Station FiiRE Fatorda - Goa	15 <sup>th</sup> October 2019
3.	Xerviz Wlobal Margao – Goa	15 <sup>th</sup> October 2019
4.	Goa Technology Association (GTA) Ponda - Goa	15 <sup>th</sup> October 2019
5.	Earnestek Margao - Goa	15 <sup>th</sup> October 2019
6.	Persistent Systems Ltd. Verna – Goa	14 <sup>th</sup> February 2020
7.	Sparkrex Technologies Pvt. Ltd. FiiRE Fatorda - Goa	12 <sup>th</sup> October 2020

## 1. MoU with Cloud Counselage Pvt. Ltd. Mumbai



### **CLOUD COUNSELAGE PRIVATE LIMITED - MUMBAI**

**Cloud Counselage Private Limited (CCPL)** is an IT services company based in Mumbai and London, which is in the business of Consultancy, Advisory and Career Counselling services founded in 2015. The Department of Computer Engineering at DBCE in collaboration with CCPL have agreed to undertake the career program for its 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year engineering students by conducting “Online Internship” on the terms and conditions mutually agreed amongst the two. Through this program students are taken on board as Interns and are acquainted to current advanced technologies like Cloud Computing, Big Data, IoT, Artificial Intelligence, Machine Learning, Block chain, Android Development, Full Stack Web Development etc. based on their interests or CCPLs Project requirements. Students get a hands-on experience working on projects related to the mentioned technologies. In addition to that they would get exposure to IT Project Management, IT Processes, IT Sales and Marketing, Corporate and virtual team environment. Upon completion of this program they get a work experience letter / certificate for the time spent at CCPL with specific mention of tasks / projects they have worked on. Based on CCPL project requirement and student calibre, eligible candidates would also have an opportunity to get full time employment with CCPL.



**Signing of MOU – DBCE and CCPL 15<sup>th</sup> October 2019**

- **IMPACT**

Since 2019, several students have enrolled for this internship program.

Sr. No	Year	Number of Interns
1.	2019	16

CCPL has offered an honorary position of Technical Education Advisor to DBCE faculty coordinator, Asst. Prof. Maria Christina Barretto to cooperate with each other and maintain goodwill in order to achieve the best for students.

In a constant endeavour to help and support students, CCPL has organised several webinars that have been attended by Interns and faculty alike.

## **2. MoU with Persistent Systems Ltd. Verna – Goa**



### **PERSISTENT SYSTEMS LIMITED, VERNA - GOA**

**Persistent Systems Limited (PSL)** a technology services company based in Pune and having its office at Verna – Goa. They provide services for digital business strategy, product engineering, data driven intelligence and Core IT Management service, amongst many others. Under this MoU, PSL provides training and research requirements to students and staff, student project sponsorship, support for Project Evaluation and conduct of workshops, seminars and guest lectures.



**MOU Signed with PSL on 14<sup>th</sup> February 2020**

- **IMPACT**

Students from the Department of Computer Engineering were also offered Internship and jobs at PSL.

Sr. No	Year	Number of Interns	Number of Job Offers
1.	2020	9	3

### **3. MoU with Earnestek. Margoa – Goa**



#### **EARNESTEK, MARGAO - GOA**

Earnestek and Don Bosco College of Engineering entered into a MoU on 21<sup>st</sup> August 2019. The scope of this MoU involves training and internship to willing candidates. The MoU also encourages conduct of workshops, training sessions, guest lectures and technical model competitions at either organisation.

The co - founder of Earnestek, Mr. Shravan Hegde, alumnus at Don Bosco College of Engineering has been actively involved with the Department of Computer Engineering, by conducting workshops for Third Year and Fourth Year Computer engineering students.

- **IMPACT**

Students from the Department of Computer Engineering have availed of Internship / training programs from Earnestek from 2018. The details of which are shown in the table below.

Sr. No	Year	Internship Program	Duration	Class
1.	2019	Machine Learning using TensorFlow	2 weeks	TE
2.	2018	App Development using React Native	2 weeks	BE
3.	2018	Python and IoT	2 weeks	SE

The Department of Computer Engineering organised an event “DBCE Dream Big” an Industry Student Connect event on 14<sup>th</sup> February 2020. This event was first of its kind, held to promote awareness about innovation in industrial and professional expertise amongst students. Mr. Shravan Hegde was guest speaker at this event. He was one of the youngest speakers to speak at World IOT Summit, Bangalore. During the session, he was asked about choosing ‘Earnsteak’ as his company name to which he replied the word ‘Earnest’ meaning sincere. He also spoke about teaching qualities like patience, imagination and communication skills.



**Mr. Shravan Hegde, guest at DBCE Dream Big 14<sup>th</sup> February 2020**

## 4. MoU with Internship Station, Margao – Goa



### INTERNSHIP STATION, MARGAO – GOA

**Internship Station, Margao** established in 2019 is a young and dynamic organisation, whose main intent is to provide students with quality internships. They aim to interconnect students, companies and colleges. Their vision is to be the go-to platform for students to learn and develop themselves.



**Signing of MOU – DBCE and Internship Station 15<sup>th</sup> October 2019**

- **IMPACT**

Internship Station has conducted a one week workshop on Web Development using Django from 1<sup>st</sup> to 5<sup>th</sup> July 2019. It was attended by 60 students of third year computer engineering.



Mr. Rohit Sankpal, co-founder of Internship Station was a guest speaker at DBCE Dream Big – an Industry Student Connect event on 14<sup>th</sup> February 2020. Mr. Sankpal, alumnus of Don Bosco College of Engineering has worked as a software designer in Codeword coding company. He spoke about his experiences and motivation in starting his own company.

## 5. MoU with Xerwiz Wlobal. Margao – Goa



### XERVIZ WLOBAL MARGAO- GOA

**Xerwiz Wlobal** was established in 2015, is a young and dynamic organisation with a set of skilled resources. They offer distinctive cost effective solutions to their clients with a new level of professionalism; proposing new horizons for business platforms to grow with the latest and upgraded technology.

- **IMPACT**

Mr. Rohan Warty, Director at Xerwiz Wlobal is an examiner for Final Year student Project evaluation; thereby providing valuable support and guidance, ensuring exposure for professional criticism and tips.

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