



IMPACT OF MOU

Electronics & Telecommunication Engineering
Departmental Newsletter (July 2021 - June 2022)

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➤ MoUs Signed

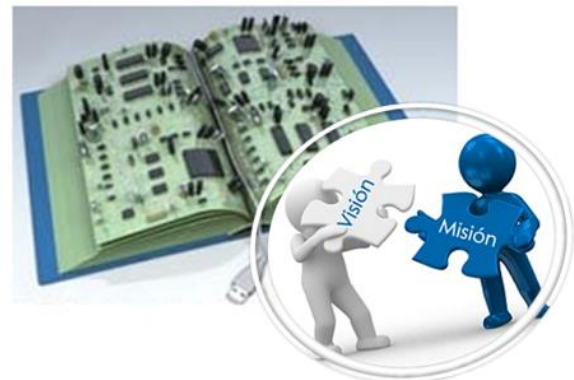
- Autotech Builds Automation, Mapusa, Goa and DBCE
- Eduvance, Educational arm of Vanmat Technologies Pvt. Ltd., Santacruz (East), Mumbai and DBCE
- Enviro Guru (OPC) Pvt. Ltd.
- InfiCorridor Solutions Private Limited
- SUN360
- Mring Technologies LLP

➤ Trainings/Workshops/ FDPs/Expert Talk conducted

- Research Publication from Enviro Guru
- Internship on AR-VR by Eduvance
- Placement by Spintly

VISION

To evolve into a Holistic Learning Hub that moulds technologically proficient engineers in the field of Electronics and Telecommunication; contributing to the global industry and society with Integrity, Ethics and Professionalism as envisaged by Don Bosco.



MISSION

- To impart education abreast with the fundamentals and advances in technology and transform students into globally accepted professionals.
- To foster networking with all stakeholders for promoting technical innovation, research and entrepreneurship.
- To encourage various skill enhancing activities and extra-curricular activities to instil high levels of work ethics and responsibility for a better society.

Memorandum of Understanding (MoU)

MoU with Autotech Builds Automation, Mapusa, Goa

A bipartite agreement in the form MoU was signed between Don Bosco College of Engineering, Fatorda, Goa and Autotech Builds Automation, Mapusa, Goa on 5th July 2018 in the Don Bosco Engineering College (DBCE) Campus.

Rev. Fr. Kinley D'Cruz (Director, DBCE) and Mr. Subodh Mone (Autotech, Mapusa, Goa) signed the MoU in the presence of Dr. Neena Panandikar (Principal, DBCE), Prof. Michelle Araujo (HOD, DBCE) and Prof. Flavia Leitao (Asst. Professor, DBCE).



After signing the MoU, Mr. Subodh Mone discussed the scope and objectives of the MoU, by stating that the MoU will:

- Provide Training and Internship as well as Placements at their organization or Placement Assistance at other organizations to the students of Don Bosco Engineering College.
- Conduct workshops, Training sessions, Guest lecturers and Technical model competitions at either organization as per the need and availability of the required resources.
- Conduct Field Visits at their organization or other organizations that are in collaboration with Autotech, Mapusa.



MoU with Eduvance, Vanmat Technologies Pvt. Ltd., Santacruz (East), Mumbai

Don Bosco College of Engineering, Fatorda, Goa has signed Memorandum of Understanding (MoU) with Eduvance, the educational arm of Vanmat Technologies Pvt. Ltd., Santacruz (East), Mumbai on 28th Sept. 2018.

Rev. Fr. Kinley D’Cruz (Director, DBCE) and Dr. Johnathan Joshi (CEO-Eduvance) signed the MoU in the presence of Dr. Neena Panandikar (Principal, DBCE), Dilip Balasubramanian (Training manager- Eduvance), Asst. Prof. Trima P. Fernandes e Fizardo (In-charge HOD, DBCE), Prof. Varsha Turkar and Asst. Prof. Flavia Leitao.



After signing the MoU, Mr. Dilip Subramanian discussed the scope and objectives of the MoU, by stating that the MoU will:



- Set up an “Embedded Systems Lab” at the Electronics and Telecommunication Engineering Department with hardware (PSoC-4 ARM Cortex kits) and licensed PSoC creator software donated by Cypress Semiconductors.
- Offers value added courses in collaboration with Cypress University Alliance (CUA) and courses created by Eduvance.

Prof. Flavia Leitao is identified as the SPOC (Single Point of Contact) for all Eduvance related activities.

MoU with Enviro Guru (OPC) Pvt. Ltd., InfiCorridor Solutions Private Limited, SUN360 and Mrinq Technologies LLP

There is always a talk about the gap between academia and industry. To bridge the gap, Don Bosco College of Engineering signed 23 MoUs on 15th October 2019 at the Taleigao Community hall under the auspices of the inaugural of the Centre for Excellence for Employability Enhancement (CEEE) in the presence of Hon. Chief Minister – Dr Pramod Sawant.

Out of the 23 MoUs Signed, 4 were with the Industries in the Electronic Domain, which are as follows: Enviro Guru (OPC) Pvt. Ltd., InfiCorridor Solutions Private Limited, SUN360 and Mrinq Technologies LLP.



The Objectives and scope of the MoU was to:

- To identify domains with mutual interest, and to further collaborate for capacity-building, research and development.
- To provide mentoring to selected students by the industry-counterpart in the form of internship and guidance for academic projects.
- To organise lecture series for students from industry experts.
- To aid learning process with hands-on in the form of guided mini projects.
- To enable interaction of college teaching staff with industry professionals for research and development.



Academic Year 2021-22

Enviro Guru – Research Publication

Dr Varsha Turkar, Dr. Shreyas Simu and Prof. Priyanka Padiyar, along with the team from Enviro Guru (OPC) Pvt. Ltd, published a paper titled, “**Water Pollution Monitoring and Decision Support System**”, for the 3rd International Conference of Immersing Technology, from 27th to 29th May 2022.



Eduvance: Internship on Augmented Reality and Virtual Reality

Eduvance conducted internship for the FE and SE students of ETC on Augmented Reality and Virtual Reality from 23rd May to 31st July 2022. We have around 33 students registering from the FE and SE ETC, out of which 22 students started working on various projects. This went on for around two months and finally 16 students successfully completed their projects and submitted to Eduvance for which they were very much appreciated.

The Students worked on various scientific models based on school curriculum to explain diverse processes using AR/VR. This entire activity was coordinated by Prof. Selvyn Fernandes.

