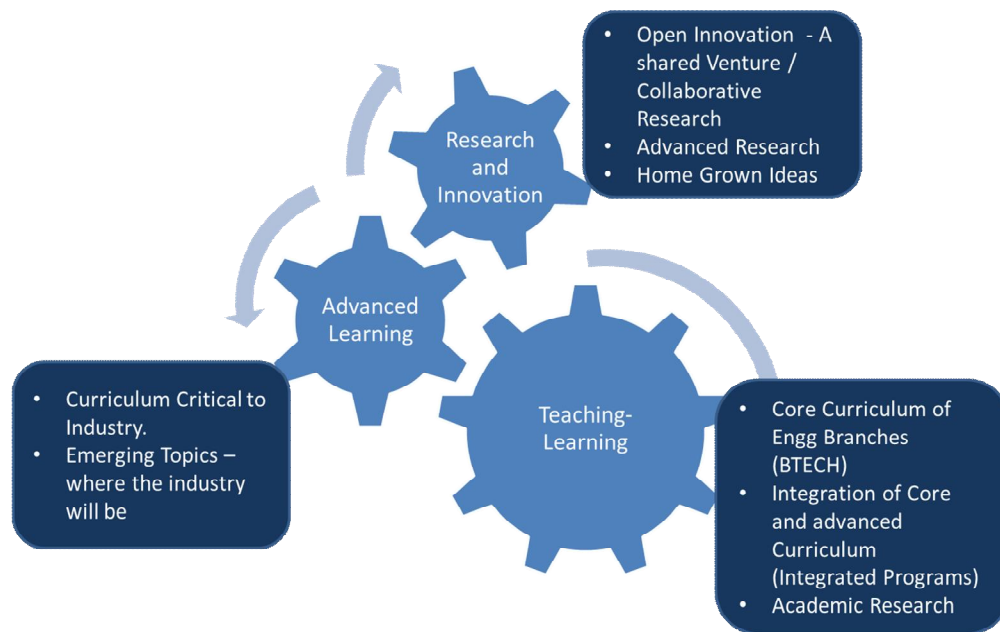


Christ University—Industry Collaboration

An initiative to foster quality technical education and training

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In pursuit of excellence, we at the Christ University Faculty of Engineering have envisaged Engineering Research, Advanced Learning, Innovation and Liaison Centre. Acronymed as ERAIL, this centre initiates several novel approaches to enhance engineering research and learning to address the core technical issues that the industry faces. Through in-depth focus studies we understand the gaps in technical education, skills, and industrial needs. Thereby we propose appropriate changes into our teaching-learning activities. One of the greatest gaps in engineering education is lack of hands-on skill and industrial exposure among students coming out of a typical engineering college. Industry and educational institutions seem to continue their usual course with minimal or no interaction with each other. Although several batches of students go through the customary industrial visit; most of these visits turn out to be a fun trips rather than serious interaction. Another trend that is predominant among engineering students is to stay away from hardware/laboratory-related work and prefer not to soil their hands on



ERAIL initiative

Driving novel Teaching- Learning Initiatives, Promoting Open Innovation and Research and Enabling Advanced Learning

experimentation. Slowly and surely the hands-on skill that engineers were known for is on the decline and the industry has always been complaining about this.

In order to correct this trend and inculcate a culture of learning-by-doing, ERAIL has taken up several initiatives. One of them is through industrial liaisoning where we proactively seek to collaborate with industry and engage them into our teaching-learning activity. These efforts have

started fructifying in the form of collaboration with globally-acclaimed industrial organisations viz., FESTO and RENAULT-NISSAN. Christ University has signed MOUs with these two companies to setup state of the art labs in the area of Automation and Automobile Engineering. While FESTO is a German company and a global leader for industrial automation and control, RENAULT- NISSAN is a leader in the field of automobile industry. For Christ University, these two cooperations are two big affirmative steps that enable its engineering department to deliver what it believes in, 'quality education through hands on learning' and to produce 'industry-ready graduates with in-depth technical competency in the fields of their choice.

FESTO

COLLABORATION

Christ University and Festo have signed an MOU on 13 June 2012 to build a centre of excellence and knowledge in the area of Industrial Automation Engineering at Christ University's Kengeri campus. Through this center, students, academia, industrial persons and others engaged in the field will be able to receive state of the art training and practice in Automation and Mechatronics. The center will provide teaching, training and research opportunities to students and hence take the quality of engineering education to a new level.



Christ University-FESTO MOU signing ceremony. Vice Chancellor, Dr (Fr) Thomas C Mathew, and Registrar Prof. Subramanian displaying the MOU together with FESTO Managing Director Mr R Joshi in the presence of the Mr Hans-Günter Löffler, Deputy Consul General, German Consulate in India. CUFE faculty, Dr Sanjay Jayavanth and Dr Iven Jose, facilitating the ceremony

The center is envisaged to be interdisciplinary and will benefit students from both Electrical and Mechanical streams viz. Electrical, Electronics, Communication, Computer Science, Mechanical Production, and Industrial Engineering. FESTO experts and CUFE faculty will work together to

address industrial issues and problems in the field of automation and generate knowledge and ways of solving industrial problems through innovative approaches.

FESTO, a two-billion Euro, German company, with its presence in 176 countries has over 30,000 products in pneumatic, servo pneumatic and electric automation technology. In India the company is present since 1963 and has been the pioneer in investing in training facilities countrywide to educate the users in the subject of automation. FESTO's worldwide didactic system, which is an effective application and efficient use of machines and systems in technical education, brings on board its proprietary industrial automation engineering systems for training and education to Christ University Campus.

Through this collaboration with FESTO, Christ University strives to set a new bench mark in engineering education and practice, rendering greater value to society. Similarly, FESTO would like to promote its didactic system for the education into grass root engineering education in the country and help lead the change in teaching that is predominately theoretical to that which is primarily practice based.



The logo features a stylized, multi-colored arch (yellow, orange, red) above the text "RENAULT NISSAN" in a bold, black, sans-serif font. To the right of this, the word "COLLABORATION" is written in a smaller, black, sans-serif font. A horizontal line is positioned below the text.

RENAULT NISSAN COLLABORATION

Renault-Nissan and Christ University have come together to establish strong academia-industry cooperation to contributing to the cause of higher education in engineering and related fields. Through this cooperation, a new concept called the 'Practice School Destination' is being set up for the Faculty of Engineering whereby Renault-Nissan will provide 10 months training to engineering students, particularly those seeking expertise in automobile engineering. The cooperation also envisages a Renault-Nissan Engineering Laboratory that helps student to fully understand the intricacies of automotive engine and its functioning. Research activities will be given a boost with a Renault-Nissan Chair at CUFE in due time. The areas of cooperation are not only restricted to engineering field but are also extended to, Marketing, Human Resource Management, Organization Management, Accounting and Finance, and Law and Administration.



Renault-Nissan Automotive India (P) Ltd is a joint venture between Renault SA (France) and Nissan Motor Co. Ltd (Japan). The two automobile giants have come together in a strategic alliance to foster their business in the light commercial vehicles segment. Renault-Nissan feels that it is not only their corporate responsibility to contribute to education, but find it a channel through which technological advancement can be achieved by engaging the

academia. The company also likes to train its executives at Christ University and thereby help its employees to enhance their qualification and skill.

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