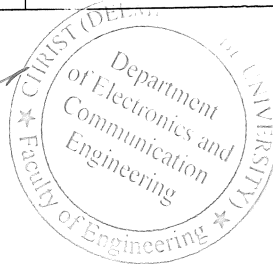


CHRIST
UNIVERSITY
BANGALORE - INDIA

Faculty Of Engineering
Department of Electronics & Communication Engineering

REPORT ON DEPARTMENT EVENTS

Academic year & Semester	2019, Odd	
Name of the Department	ECE	
PoC Faculty Member for clarifications (write email ID & mobile number for contact)	Prof. Delson T R delson.tr@christuniversity.in 7760327703	
Details of the Event		
Name of Event	Siemens DEX	
Description of the Event (seminar/workshop/guest lecture/hands on practice/Industrial Visit)	Workshop - Industry Oriented	
Address & contact details of Resource Persons/Speakers if any (provide email ID & mobile number of all the speakers)	Siemens and CDI, IOC Venture	
No. of Days event held	Two	
Date(s) and Duration	Date: 30 & 31 Aug 2019	Time: 9:00 am to 4:00 pm
Any amount spent for the event ?	Nil	
Details of participants attended the event		
Number of guests from outside university	Nil	
Students & faculty members from the department	12	
Students & faculty members from Faculty of Engineering (other depts.)	-	
Total Participants	12	
Is Attendance list enclosed? If no, specify the reason	Yes	



2. Workshop on Siemens DEX

Report

Dated: 30 and 31 Aug 2019

Schedule

30 Aug 2019 – Introduction to Siemens DEX

31 Aug 2019 – Tool designing – Machines using DEX

Siemens Digital Experience and Application Center allows machine tool manufacturers and users to experience the integrations of hardware with software solutions as well as that of the physical with virtual worlds. Machine tool professionals can simulate and co-create efficient machining strategies, from machine design to engineering and commissioning, and improve productivity in real-world conditions using Siemens' Digitalization portfolio. The end users can have their manufacturing processes optimized from the design stage to execution until services of their final product. The facility also demonstrates the connectivity solution of shop floor to the top floor within the premises as well as MindSphere (cloud-based, open IoT operating system from Siemens). The Siemens Digital Experience & Application Center (DEX) at Peenya, Bengaluru is a one stop shop to experience the Digitalization solutions for the entire value chain - from product development and production planning to real production and digital service. At this one of its kind experience center, a wide range of solutions showcasing concepts of Digital Twin, Virtual commissioning, Machine analytics, Cloud solutions along with a full-fledged working shop floor integrated with Robots, CNC machine tools, probes etc bring you closer to the world of Digitalization. Special training and information on SINUMERIK operation, maintenance and Digitalization solutions are also available at no extra cost at our DEX.

Siemens Digital Experience and Application Center is equipped with machine tool solutions from Siemens and partners, including machine tool builders, probe manufacturers, tooling suppliers, CAD/CAM solution providers, etc. The Center will support machine tool builders, dealers and educational institutes through knowledge sharing programs, application support, training and many such initiatives. Among the innovative features is a live demonstration of robots with SINUMERIK CNC controllers, which act as an interface for the robot for gantry, pick and place, robotic machining, and other applications.

This two days' workshop conducted in connection with CDI (Center for Digital Innovation), CHRIST University. Selected list of students (10 Nos) from ECE branched participated in this two day workshop and get enriched the skill set in Robotics Prototype development.



The image shows a handwritten signature in black ink over a circular official stamp. The stamp contains the text: "CHRIST UNIVERSITY", "Department of Electronics and Communication Engineering", and "Faculty of Engineering".

Siemens Digital Industries Software delivers solutions built for the specific needs of individual industries. Based on years of experience understanding key industry requirements, these solutions help companies quickly realize value in their products and processes.



Siemens – DEX center – Digital Experience and Application Center

P. Vi

CHRIST DEEMED TO BE UNIVERSITY
Department of Electronics and Communication Engineering
Faculty of Engineering

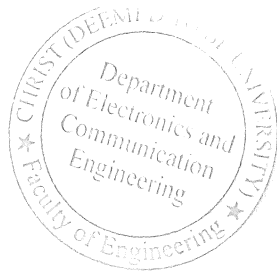
Siemens DEX Workshop

Attendance List

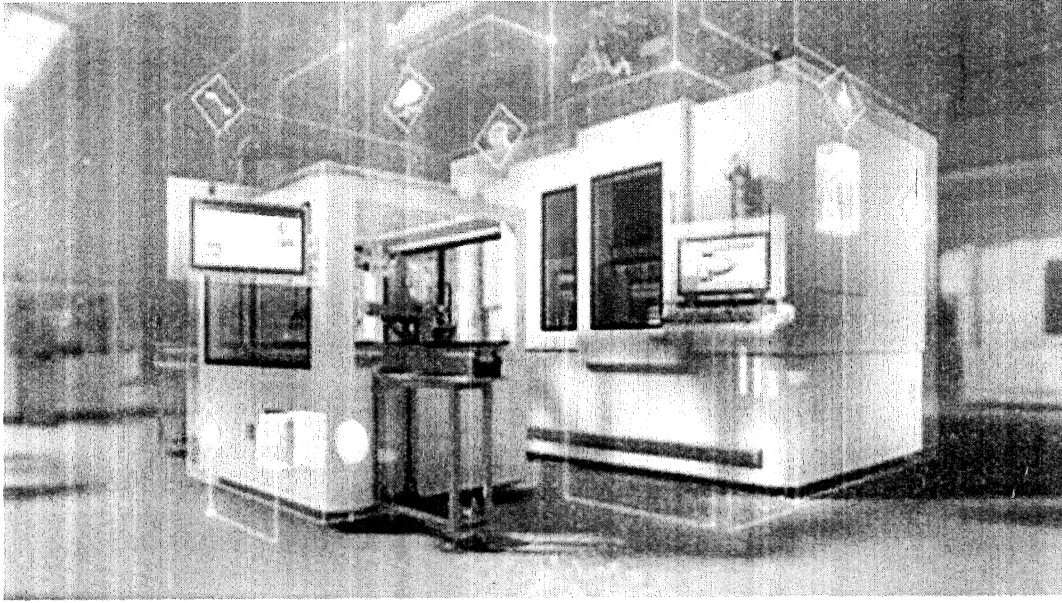
30 and 31 Aug 2019

SL No	Register Number	Name	PRESENT/ABSENT
1	1760603	ALDRIN LOUIS FIGURADO	<i>[Signature]</i>
2	1760606	ASHISH G NAIR	<i>[Signature]</i>
3	1760608	BENSON THOMAS	<i>[Signature]</i>
4	1760627	ROSE RAJAN	<i>[Signature]</i>
5	1760632	NIKITA ELIZABETH JOSEPH	<i>[Signature]</i>
6	1760642	MOGALLURI SRIKANTH	<i>[Signature]</i>
7	1760656	POLAKALA DINESH REDDY	<i>[Signature]</i>
8	1760660	JAYAM LIKITHA	<i>[Signature]</i>
9	1760664	NARAYANA PADMANABHAM TEJA GANESH	<i>[Signature]</i>
10	1860611	NANDYALA VEERA MEKHA CHANDRA REDDY	<i>[Signature]</i>
11	1760661	ANNAVAJJALA ABHIFAM SAI	<i>[Signature]</i>
12	1860626	GLADIS P SAJI	<i>[Signature]</i>

[Handwritten Signature]



Event Photo



[Handwritten Signature]

CHRIST (DELHI) UNIVERSITY
Department of Electronics and Communication Engineering
Faculty of Engineering

About CHRIST

Christ University was born out of the educational vision of St Kuriakose Elias Chavara, an educationalist and social reformer of the nineteenth century in South India. He founded the first Catholic indigenous congregation, Carmelites of Mary Immaculate (CMI), in 1831 which administers Christ University. Established in 1969 as Christ College, it undertook path breaking initiatives in Indian higher education with the introduction of innovative and modern curricula, insistence on academic discipline, imparting of Holistic Education and adoption of global higher education practices with the support of creative and dedicated staff. The University Grants Commission (UGC) of India conferred Autonomy to Christ College in 2004 and identified it as an Institution with Potential for Excellence in 2006. In 2008 under Section 3 of the UGC Act, 1956, the Ministry of Human Resource Development of the Government of India, declared the institution a Deemed to be University, in the name and style of Christ University. One of the first institutions in India to be accredited in 1998 by the NAAC, and subsequently in 2004 and 2016, Christ University has the top grade 'A' in the 4-point scale. The multi-disciplinary University which focuses on teaching research and service, offers Bachelors to Doctoral programmes in humanities, social sciences, science, commerce, management, engineering, education and law to over 18000 students. The campus is a living example for the harmonious multiculturalism with students from all the states of India and from around 60 different countries. Christ University publishes six peer-reviewed research journals and has published more than 300 books in Kannada and English. A promoter of sports, music and literary activities, it is a nurturing ground for creative excellence.

About SIEMENS

With a focus on electrification, automation and digitalization, Siemens India stands for engineering excellence, innovation, and reliability. As one of the world's biggest producers of energy-efficient, resource-saving technologies, Siemens is a pioneer in infrastructure and energy solutions, automation and software for industry and is a leader in medical diagnosis. Siemens also provides business-to-business financial solutions, rail automation and wind power solutions.

About this workshop

Siemens Digital Experience and Application Centre (DEX) is equipped with machine tool solutions from Siemens and partners, including machine tool builders, CAD/CAM solution providers etc.. They also provide support and training of such tools to educational institutions. This workshop gives live demonstration of robots with SINUMERIC CNC controllers, which act as an interface for robot for gantry, pick and place, robot machining, and other applications.



SIEMENS DEX

WORKSHOP

30TH & 31ST AUG. 2019

Organised by

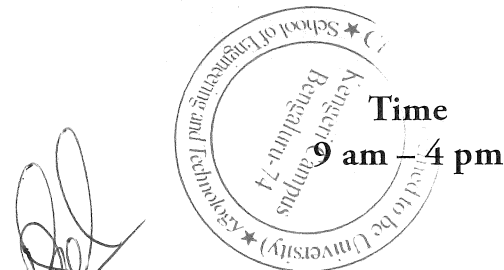
CDI and IOC

CHRIST (Deemed to be University)

&

SIEMENS

Digital Experience and Application Center



Venue: Block I Auditorium, FoE, CHRIST – Kengeri Campus