



Faculty Of Engineering
Department of Electronics & Communication Engineering

REPORT ON DEPARTMENT EVENTS

Academic year & Semester	2020-21, 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	Webinar	
Description of the Event (seminar/workshop/guest lecture/hands on practice/Industrial Visit)	Webinar- Chip Design: The Vital Link	
Address & contact details of Resource Persons/Speakers if any (provide email ID & mobile number of all the speakers)	Mr. Robin Davis, Executive Account Manager, Synopsis India Pvt Ltd	
No. of Days event held	One	
Date(s) and Duration	Date: 05 SEP 2020	Time: 6:00 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	134	
Students & faculty members from Faculty of Engineering (other depts.)	-	
Total Participants	134	
Is Attendance list enclosed? If no, specify the reason	YES	

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[Signature]





**Faculty of Engineering and Technology
Department of Electronics and Communication Engineering**

Report on Webinar conducted 2020-21

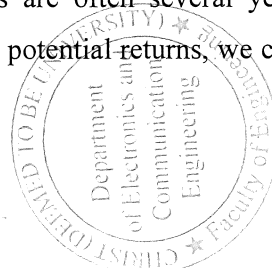
5. Webinar - “Chip Design: The Vital Link”

PRESENTED BY

**Mr. Robin Davis
Executive Account Manager
Synopsis India Pvt Ltd**

**05-09-2020 (5.30 am to 7pm)
Platform – Cisco WebEx Event**

Mr. Robin Davis shared his idea on a webinar talk on Chip Design: The Vital Link. Over the past decade, the need for leading-edge technology leadership has transformed from an amorphous goal to an absolute necessity at semiconductor companies. In line with Moore’s law, the number of transistors on a chip roughly doubled every two years over that period, although the pace has recently slowed. While complexity has increased, structures on chips have shrunk in size. Only a few companies are capable of designing and manufacturing the most advanced chips with node sizes of 14 nanometers (nm) and below because of the skills and large investment required for design, R&D, scaling, and other activities. Meanwhile, demand for these chips is soaring. In some major market segments, including artificial intelligence and machine learning, chips under 14 nm are critical because they combine strong performance with lower power consumption (see sidebar “Major markets for sophisticated chips”). The semiconductor industry’s record of steady technological improvement has created a winner-take-all dynamic that makes leading-edge capabilities vital within several segments. If a company’s product or service is even slightly better than a competitor’s, it typically captures an outsize portion—or even the vast majority—of industry revenue. This phenomenon is apparent along the entire value chain, from equipment production to chip manufacture. Companies that want to challenge the winner may find it difficult to catch up, since the leading players are often several years ahead in technology development. To increase clarity about risks and potential returns, we created a simplified model





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to predict when semiconductor companies will see profits from a new fab. Rather than providing precise cost insights, the model is designed to give some general estimates about timelines for receiving a return on investment. The talk was well received by students and faculty members in the department.



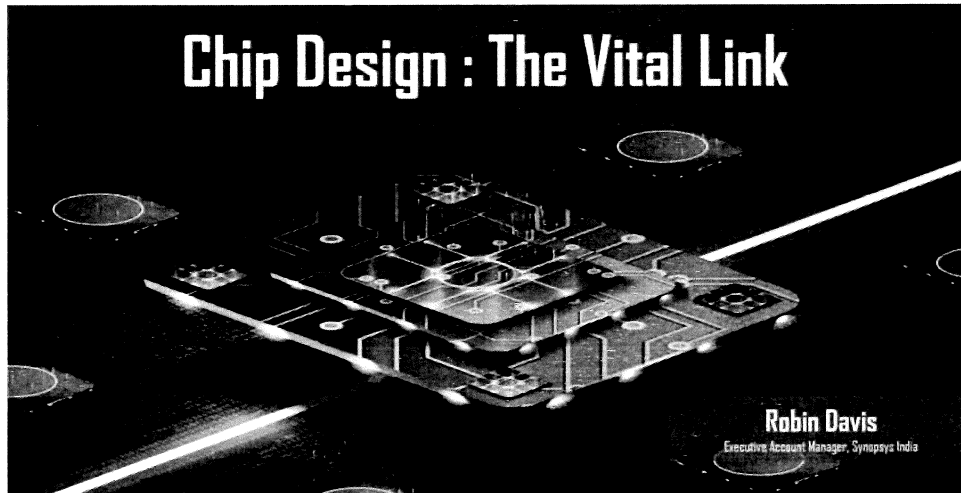


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Webinar - "Chip Design: The Vital Link"

Date: 05.09.2020

Event Photos



Computing : The Evolution

Alan Turing
Charles Babbage
Herman Holerith
Atanasoff-Berry
John, William B. Sholes
Jack Kilby
First Fully Digital Computer
Integrated Circuit

Questions?

Robin Davis
Executive account Manager
Synopsys

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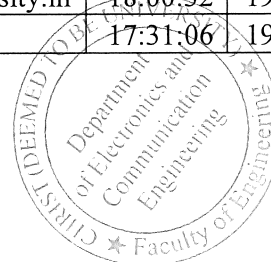
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Webinar - "Chip Design: The Vital Link"

Date: 05.09.2020

Event Attendance

Sl. No.	NAME	Email-ID	Entry time	Exit time
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4	ABHISHEK KUMAR	abhishekkumar@btech.christuniversity.in	17:55:50	19:17:44
5	ABIN CHALSON	abin.chalson@btech.christuniversity.in	18:00:24	19:19:19
6	ADARSH REDDY	yallala.adarsh@btech.christuniversity.in	18:07:46	19:17:15
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8	AJI MATTAMANA	g.mattamana@gmail.com	17:57:04	19:16:28
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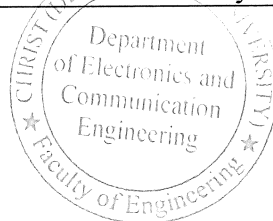
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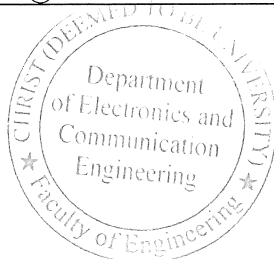
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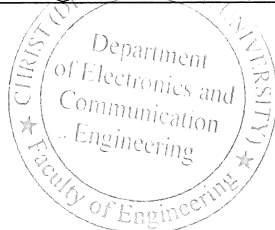
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114	SANJANA SANDEEP	sanjana.sandeep@btech.christuniversity.in	17:30:09	19:17:30
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117	SHASHIKUMAR D	shashikumar.d@christuniversity.in	18:44:15	19:24:20
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119	SREERAM MS	mallepoola.siva@btech.christuniversity.in	18:03:45	19:07:10
120	STEFFY MARIA JOSEPH	steffymaria89@gmail.com	17:57:23	19:16:43
121	SUDHI SUDHARMAN	sudhi.sudharman@christuniversity.in	17:07:09	19:24:20
122	SUJATHA S	sujatha.s@christuniversity.in	17:26:33	19:20:18



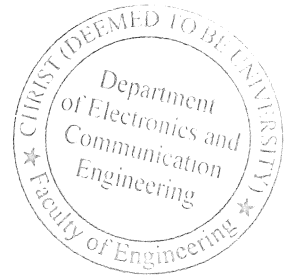


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126	SWETHA SUNITH	swetha.sunith@btech.christuniversity.in	17:27:35	19:20:22
127	TOMIN SEBY	tomin.seby@btech.christuniversity.in	18:54:02	19:16:47
128	TRESA JOSEPH	tresajoseph@gmail.com	17:50:15	18:24:32
129	UMA DEVI	anthapu.umadevi@btech.christuniversity.in	17:55:34	19:21:09
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School of Engineering and Technology
Department of Electronics and Communication Engineering
presents

Webinar Series on " Core Technologies Xplored "



Mobile Robotics from Path Planning to Control
Dr. Robins Mathew
Post-Doctoral Research Fellow
University College Dublin,
Ireland

15 August 2020, 3:00 P. M.

To register for this Webinar: [Click Here](#)



Advancement in Embedded Systems: Era of IoT and AI
Mr. Vysakh P. Pillai
Principal Engineer
Microchip Technology,
Bengaluru

22 August 2020, 6:00 P. M.

To register for this Webinar: [Click Here](#)



Machine Learning to Deep Learning: An Algorithmic Perspective
Dr. Asharaf S.
Professor, IIITMK, Kerala
Founder at Kerala Blockchain Academy

29 August 2020, 3:00 P. M.

To register for this Webinar: [Click Here](#)



Chip Design : The Vital Link
Mr. Robin Davis
Executive Account Manager
Synopsys India Pvt. Ltd.

5 September 2020, 6:00 P. M.

To register for this Webinar: [Click Here](#)



August 15 - September 5

Registration compulsory for each session

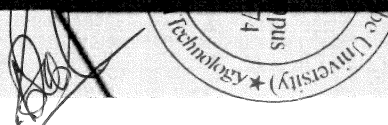
For further information contact us on
aneesh.v@christuniversity.in

E-Certificates will be provided

<https://www.christuniversity.in/>

Platform: Webex Platform

No registration fee



About the speaker

Mr. Robin Devis
Executive Account Manager
Synopsys India Pvt. Ltd

Dr. Robin Devis the winner of prestigious International awards such as Winner of Wipro Chairman's Award and Asia Pacific) Business Titan Award. He is also the finalist of Prestigious Wipro CEO's Award. He is experienced in Experience in opening and managing multi-million US\$ accounts in industry verticals such as manufacturing & hi-tech, automotive, medical & wellness, IOT & consumer, industrial, defense, in technology areas such as VLSI, Embedded Systems, AI/ML/DL, enterprise & cloud computing, SaaS, PaaS, IaaS, mobility, telecom technologies, wireless technologies and ADAS. He is Ambitious fast-track learner and go-getter, who offers proven experience in multi million-dollar business management in alignment with a company's vision, value, and goals, and who has successfully progressed from a hands-on R&D engineer into a business development global leadership role within a very short timeframe while recording 200%+ business growth YOY. He is the top performer who contributes sharp analytical abilities and superior attention-to-detail while demonstrating expertise in crisis management to keenly identify, evaluate, and resolve conflicts to boost the top line and bottom line in competitive industries and markets. He is a Multilingual communicator (Japanese, English, Hindi, Kannada, Tamil, Malayalam) who seamlessly liaises among Japanese, Korean, Taiwanese, Chinese (ASEAN), European, Indian and U.S.-based C-level executives, partners, and global clientele while promoting utmost professionalism in attaining aggressive business goals.

He has around 7 years of Industry experience in leadership positions in core electronics companies like Synopsys India Pvt. Ltd., BlackPepper Technologies Pvt. LTd, Eximius Design, Ignitarium Technologies Solutions Pvt. Ltd and Wipro Ltd. He have completed B. Tech Electronics and Communication Engineering from Mahatma Gandhi University.

