



## AUTONOMOUS

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### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

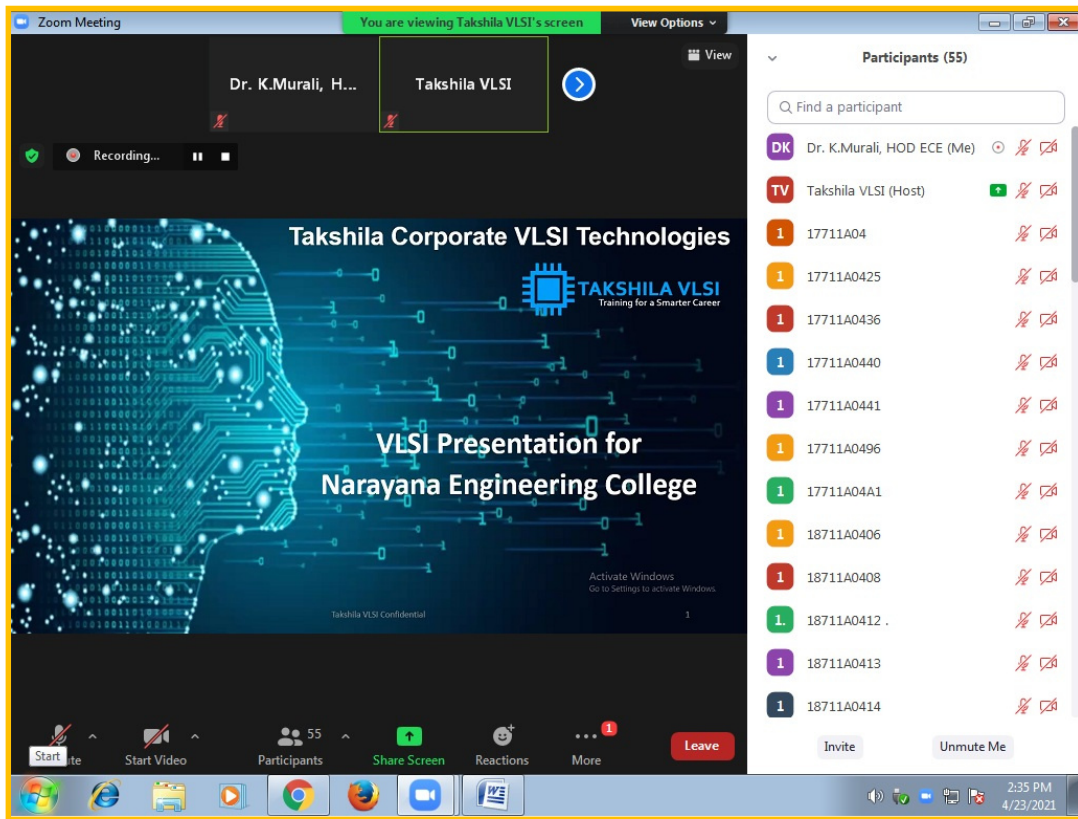
#### REPORT on **“Career Awareness in Semiconductor Industries”**

1	Name of the Activity/Event	Webinar on “Career Awareness in Semiconductor Industries”		
2	Date of Activity/Event	23/04/2021		
3	Organized by/Name of the committee	Dept. of Electronics & Communication Engineering		
4	Place of Activity/event	Narayana Engineering College, Nellore		
5	Resource person/guest/organization	Mr. VeerANJI Reedy, Physical Design Engineer, Intel Technologies India Pvt. Ltd., Bangalore.		
6	Type of activity/Event	Seminar(IIIC)		
7	Activity/Event objectives	<ol style="list-style-type: none"> <li>To provide an awareness about semiconductor industries.</li> <li>To Outline the various VLSI Service Companies.</li> <li>To provide the various job opportunities in VLSI .</li> </ol>		
8	Participation	Students	Faculty	Total
		93		93
9	General remarks	The sessions are helpful to the students the working of various online applications.		
10	Suggested Improvements	-		
11	Enclosures	<ol style="list-style-type: none"> <li>Request letter</li> <li>Circulars</li> <li>Report</li> <li>Attendance</li> </ol>		
12	Signature of In charge/convener			

#### A BRIEF DESCRIPTION OF THE EVENT:

Department of Electronics and Communication Engineering has conducted a webinar on “Career Awareness in Semiconductor Industries” under IIIC for III B-Tech students on 23-04-2021. The Resource Person for the event is Mr.VeerANJI Reedy, Physical Design Engineer, Intel Technologies India Pvt. Ltd., Bangalore.

The session was inaugurated in the presence of Head of the Department, around 02:35 PM on 23-04-2021. Dr.K.MURALI, Head of the ECE Department initiated the session with motivating words and encouraged the students to be interactive during the session.



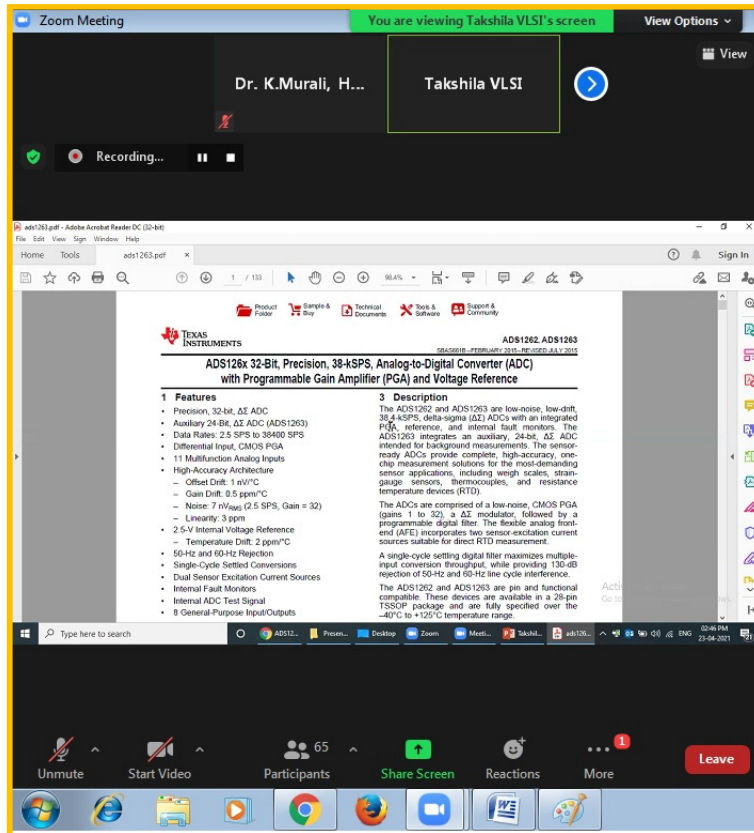
*Dr. K. Murali introducing the Resource Person*

The resource person given a brief introduction on semiconductor industries, top 20 product based companies, VLSI service companies, Eligibility criteria for VLSI Jobs in Industry, Core Job Opportunities in VLSI, Courses offered on online @Takshila VLSI, Unique Features, Industry salaries Scope for freshers, Course fee structure for online, 100%placements after completing the Course.

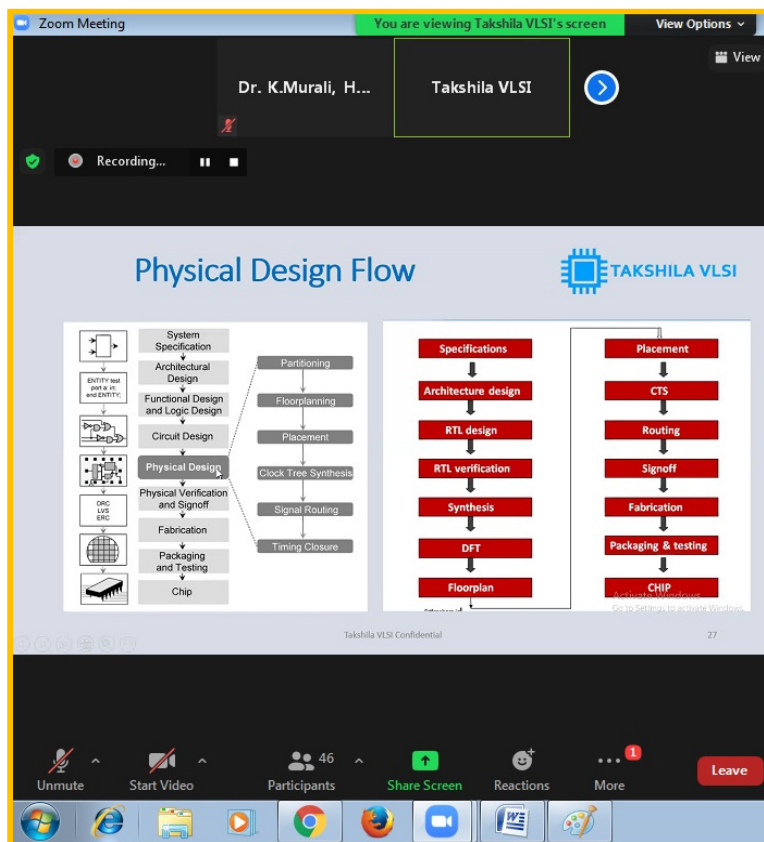
1Q16 Rank	1Q15 Rank	Company	Headquarters	1Q15 Tot Semi	1Q16 Tot Semi	1Q16/1Q15 % Change
1	1	Intel*	U.S.	12,067	13,115	9%
2	2	Samsung	South Korea	9,336	9,340	0%
3	3	TSMC (1)	Taiwan	6,995	6,122	-12%
4	7	Broadcom Ltd. (2)**	Singapore	3,679	3,550	-4%
5	4	Qualcomm (2)	U.S.	4,434	3,837	-14%
6	5	SK Hynix	South Korea	4,380	3,063	-30%
7	6	Micron	U.S.	4,061	2,930	-28%
8	8	TI	U.S.	2,940	2,804	-5%
9	10	Toshiba	Japan	2,619	2,446	-7%
10	9	NXP*	Europe	2,636	2,254	-15%
11	12	Infineon	Europe	1,666	1,776	7%
12	13	MediaTek (2)	Taiwan	1,506	1,601	12%
13	11	ST	Europe	1,700	1,601	-6%
14	14	Renesas	Japan	1,470	1,415	-4%
15	17	Apple (2)**	U.S.	1,260	1,390	10%
16	15	GlobalFoundries (1)*	U.S.	1,436	1,360	-5%
17	20	Nvidia (2)	U.S.	1,118	1,285	15%
18	16	Sony	Japan	1,272	1,125	-12%
19	18	UPMC (1)	Taiwan	1,340	1,034	-9%
20	21	AMD (2)	U.S.	1,030	832	-19%
Top 20 Total				66,745	62,420	-6%

(1) Pure-play foundry  
 \* Includes Intel/Altera, Avago/Broadcom, NXP/freescale, and GlobalFoundries/IBM sales for 1Q15 and 1Q16.  
 \*\* Custom processors for internal use made by TSMC and Samsung foundry services.  
 Source: Companies, IC Insights' Strategic Reviews Database

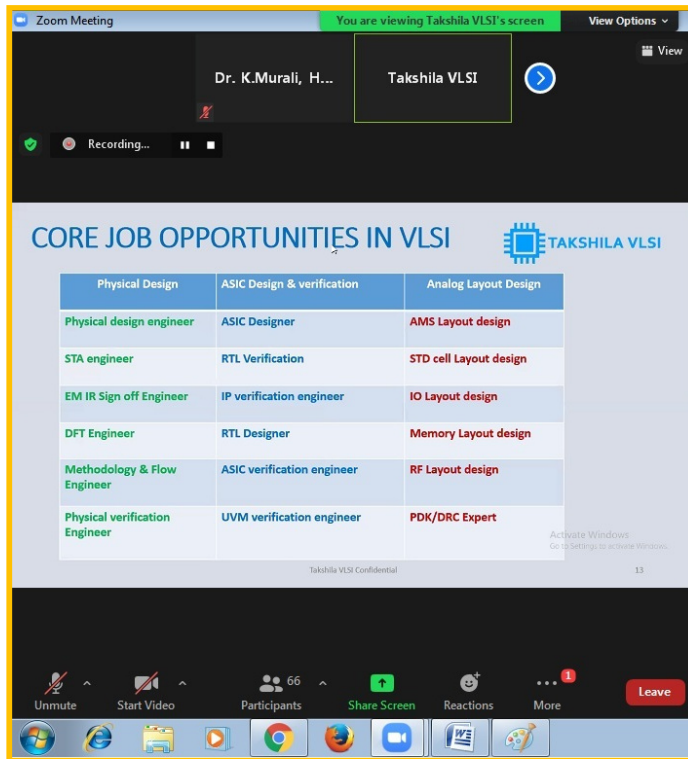
*Explaining about Top 20 Product based Companies*



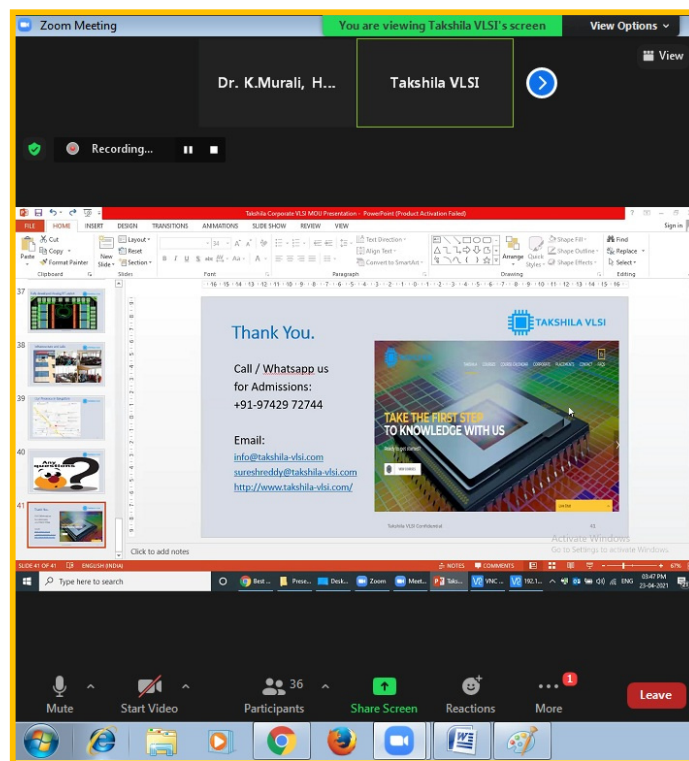
### Explaining about ADC & PGA



### Explaining about Physical Design Flow



*Explaining about Core Job Opportunities in VLSI*



*Vote of Thanks*

**Total Number of Participants: 93**