

Name of the Event	Expert lecture
Date	13-10-2025
Beneficiary	V SEMESTER STUDENTS
Faculty Coordinators	Dr.P.Sudhakiran Mr.Vinay R
Write up	The Department of Electronics and Communication Engineering organized an expert lecture on “Recent Trends in CMOS Technology and VLSI Industry Practices” on October 13, 2025. The session was delivered by Mr. Mahesh Devagiri, Director and Co-Founder of Nyxses India Pvt. Ltd. Key Highlights of the Lecture: Advancements in CMOS Technology: Mr. Mahesh Devagiri discussed the evolution of CMOS scaling from micron to nanometer technologies and its impact on power, performance, and area optimization. Challenges in Deep Submicron Design: The speaker explained critical design challenges such as leakage power, process variations, and device reliability in modern VLSI systems. VLSI Industry Trends: Insights were shared on emerging trends including FinFET, GAAFET, and 3D IC technologies that are transforming semiconductor manufacturing. Design Flow and EDA Tools: The importance of Electronic Design Automation (EDA) tools in synthesis, verification, and layout design was emphasized, highlighting their role in accelerating chip development. Industry Practices and Career Opportunities: The session concluded with an overview of current industry requirements, skill sets expected in VLSI careers, and opportunities in design, verification, and fabrication domains. The session was attended by 124 students from the 5th semester. The expert lecture was highly informative and interactive, providing students with a deeper understanding of real-world applications and the technological advancements driving the semiconductor industry.



Department of Electronics and Communication Engineering

Expert Lecture

Recent Trends in CMOS Technology and VLSI Industry Practices

 **13th October 2025**

 **11:00 AM to 01:00 PM**

 **Falconry Seminar Hall**

 **5th Semester (ECE)**



Mahesh Devagiri

Director and Co-Founder
Nyxses India Pvt. Ltd

Faculty Coordinators

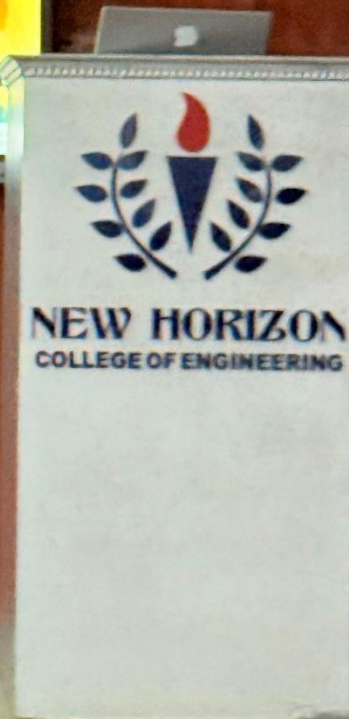
Dr. Sudhakiran P
Mr. Vinay R

Convenor

Dr. Aravinda K
HoD - ECE

Dr. Manjunatha
Principal









Attendance:



NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Expert talk on-

"Recent trends in CMOS Technology and VLSI industry practices"

CLASS LIST

Expert talk Attendance

Date: 13-10-2025

Time: 11A.M. to 1PM

Sl. No.	USN	NAME OF STUDENT	SIGNATURE
01	INH23EC071	Jagadeesh B H	
02	INH23EC185	Yashu V. Murthy	
03	INH23EC074	Jnana Prabh. HR	
04	INH23EC110	P.S. LOCHAN	
05	INH23EC414	Shivam Puneekar	
06	INH23EC14	Parinith. M.D	
07	INH23EC091	LOKESH. M	
08	INH23EC083	Kishan. S	
09	INH23EC082	Kishan	
10	INH23EC118	Pragya. S	
11	INH23EC184	N. Abhinav	
12	INH23EC154	Shravya. P	
13	INH23EC007	Aditya. Rishi	
22	INH23EC164	Sushant. J	
15	INH23EC179	Vikas. P	
16	INH23EC051	Dhanya. K.M	
17	INH23EC140	Samarth.	
18	INH23EC159	Somshukar A	
19	INH23EC134	Sai. Vamsi	
20	INH23EC139	Saish	
21	INH23EC130	Rajesh M.S	

22	INH23EC137	Sugan K O	Sugan K. O
23	INH23EC141	Ganapathy	GSP
24	INH23EC186	Yashwanth	Yash
25	INH23EC096	Manu Shankar G	Manu
26	INH23EC093	M Sukesh P Komath	Sukesh
27	INH23EC004	Abhijna	Abhijna
28	INH23EC019	Arpitha M	Arpitha
29	INH23EC055	G. Shreeudith	Shreeudith
30	INH23EC051	Shreya Ramesh	Shreya
31	INH23EC069	Impara M	Impara M
32	INH23EC066	Harini Prabha P	Harini Prabha P
33	INH23EC097	Manya M	Manya M
34	INH23EC115	Poojashree K	Poojashree K
35	INH23EC089	Lekhana R	Lekhana R
36	INH23EC076	Kaivalya	Kaivalya
37	INH23EC064	D. HARIPRIYA	D. Haripriya
38	INH23EC070	I. L. Akshitha	Akshitha
39	INH23EC143	Sanyog. M	Sanyog. M
40	INH23EC162	Sumanth. V. Nayak	Sumanth. V. Nayak
41	INH23EC005	Adithya Kamithkar	Adithya
42	INH23EC182	Vinayraj	Vinayraj
43	INH23EC020	Arun B. S	Arun B. S
44	INH23EC016	Anusha N. U	Anusha
45	INH23EC030	Bhoomika H. P.	Bhoomika
46	INH23EC018	Arpita IK	Arpita
47	INH23EC064	Sleka. G	Sleka
48	INH23EC050	Dhanireddy Kavya	Kavya
49	INH23EC036	C Srija	Srija
50	INH23EC028	B. Sasi chandana	Sasi chandana
51	INH23EC026	B. Navya	Navya
52	INH23EC011	Akshaya	Akshaya

53	INH24EC412	Shankar S	Shankar
54	INH24EC407	Keerthi Raj H.S	Keerthi Raj
55	INH24EC406	Kalyan Kumar B.V	Kalyan
56	INH24EC402	Devesh Raj B.L	Devesh
57	INH23EC025	B.L Bhuvendra	B.L. Bhuvendra
58	INH23EC047	Dorabith. P	Dorabith
59	INH24EC404	Dinesh Kumar.	Dinesh
60	INH24EC409	Manesh	Manesh
61	INH24EC409	Rajon Kumar B.P	Rajon
62	INH23EC067	Harshal	Harshal
63	INH23EC043	D. Suvarshini	D. Suvarshini
64	INH23EC002	Aadhyas Sharma	Aadhyas
65	INH23EC122	Poigayam Pandey	Poigayam
66	INH22EC167	Tanushree	Tanushree
67	INH23EC178	Vardhan PNP	Vardhan
68	INH23EC177	Jagorvali	Jagorvali
69	INH23EC023	Ashwini P	Ashwini
70	INH23EC029	Basavaraj.	Basavaraj
71	INH23EC158	Chester	Chester
72	INH23EC163	Aarsha Vardhan	Aarsha
73	INH23EC160	Iwan Kumar	Iwan
74	INH23EC126	Vaibhav P	Vaibhav
75	INH23EC184	Yuvraj. P.B	Yuvraj
76	INH23EC039	Chandrika. P.V	Chandrika
77	INH23EC149	Shashank H.M	Shashank
78	INH24EC405	Jahnvi. S	Jahnvi. S
79	INH24EC416	S.Sweety	S.Sweety
80	INH23EC180	Vikramaditya	Vikramaditya
81	INH23EC187	Yashwanth T.G	Yashwanth
82	INH23EC058	G. Sivapalan Rappelly	G. Sivapalan

83	Daashan.B	INH23EC400	Dam
84	Daashan.B	INH23EC401	Dam
85	K. AR. Hileswar Raja	INH23EC087	Am
86	Gautham Reddy	INH23EC092	GA
87	Divyakash	INH23EC086	Am
88	Thane Sree	INH23EC167	The
89	Shree Hareetha	INH23EC150	Ho
90	J.B. Bharya Sri	INH23EC072	Blud
91	J.B. Mohan Vikas	INH23EC073	Am
92	Venkatam	INH23EC079	Venka
93	Gokul	INH23EC061	Ge
94	Sada Siva	INH23EC057	Dev
95	Artha	INH23EC035	Am
96	Ranjith	INH23EC131	R
97	Dumika	INH23EC033	Am
98	Simham	INH23EC156	Am
99	Ganesh	INH23EC142	Am
100	Savitri	INH23EC145	Am
101	Radha. U. Y	INH23EC127	Am
102	Devona	INH23EC123	Am
103	Sahana	INH23EC138	Am
104	Suchitha	INH23EC135	Am
105	wassem	INH23EC148	Am
106	Raju	INH23EC129	Am
107	Tharishic	INH23EC168	Am
108	T. Mukesh	INH23EC170	Am
109	R.G. Adithyana	INH23EC124	Am
110	S. Dharmakrish	INH23EC133	Am
111	Sathvik Naidu	INH23EC144	Am
112	Ruphan S. Vaidya	INH23EC132	Am
113	Thiruvikram K	INH23EC169	Am

Feedback

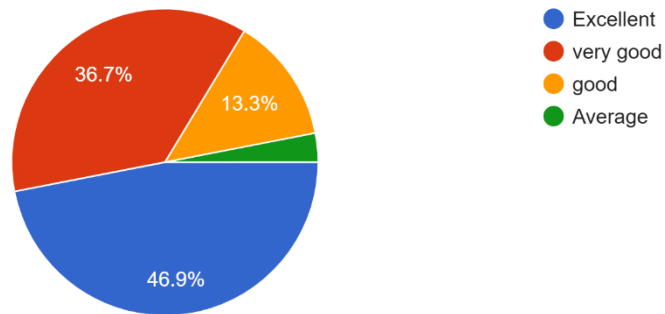
Expert lecture Feedback form Recent Trends in CMOS Technology and VLSI Industry Practices" (Responses)						
File Edit View Insert Format Data Tools Extensions Help						
Menus 100% 123 Default...						
Form_Responses						
Timestamp	How would you rate the overall quality of the	Was the content of the lecture relevant to you	How clear and understandable was the exper	Did the expert effectively engage the audienc	How likely are you to apply the knowledge gai	
10/13/2025 11:35:51	very good	Somewhat relevant	Very clear	Strongly agree	Likely	
10/13/2025 11:36:54	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 11:41:37	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 11:42:15	Average	Not relevant	Not clear at all	No	Very unlikely	
10/13/2025 11:46:48	good	Highly relevant	Clear	Strongly agree	Likely	
10/13/2025 11:48:57	very good	Highly relevant	Clear	Agree	Likely	
10/13/2025 11:54:44	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 12:06:01	Excellent	Somewhat relevant	Very clear	Strongly agree	Likely	
10/13/2025 12:13:51	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 12:39:06	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 12:43:19	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 12:45:04	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 13:12:48	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 13:36:55	Excellent	Highly relevant	Clear	Agree	Very likely	
10/13/2025 13:37:16	very good	Highly relevant	Clear	Agree	Very likely	
10/13/2025 13:53:49	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 14:41:55	very good	Somewhat relevant	Clear	Agree	Likely	
10/13/2025 14:42:20	very good	Somewhat relevant	Clear	Agree	Likely	
10/13/2025 16:38:17	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:38:23	very good	Somewhat relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:38:26	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:38:33	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:38:47	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	

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Menus 100% 123 Default...						
Form_Responses						
Timestamp	How would you rate the overall quality of the	Was the content of the lecture relevant to you	How clear and understandable was the exper	Did the expert effectively engage the audienc	How likely are you to apply the knowledge gai	
10/13/2025 16:38:26	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:38:33	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:38:47	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:38:52	Excellent	Highly relevant	Clear	Strongly agree	Likely	
10/13/2025 16:38:56	very good	Somewhat relevant	Clear	Agree	Likely	
10/13/2025 16:38:56	very good	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:38:57	very good	Somewhat relevant	Clear	Agree	Likely	
10/13/2025 16:38:59	very good	Somewhat relevant	Very clear	Agree	Likely	
10/13/2025 16:39:00	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:39:01	very good	Somewhat relevant	Somewhat unclear	Agree	Likely	
10/13/2025 16:39:03	very good	Somewhat relevant	Clear	Agree	Likely	
10/13/2025 16:39:05	Excellent	Highly relevant	Clear	Strongly agree	Likely	
10/13/2025 16:39:06	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:39:09	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:39:13	good	Neutral	Clear	Strongly agree	Likely	
10/13/2025 16:39:21	very good	Somewhat relevant	Clear	Agree	Likely	
10/13/2025 16:39:32	good	Highly relevant	Clear	Strongly agree	Very likely	
10/13/2025 16:40:24	very good	Somewhat relevant	Clear	Agree	Likely	
10/13/2025 16:40:41	good	Somewhat relevant	Clear	Agree	Unlikely	
10/13/2025 16:40:43	good	Somewhat relevant	Clear	Strongly agree	Very likely	
10/13/2025 16:40:48	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	
10/13/2025 16:41:01	very good	Somewhat relevant	Clear	Agree	Likely	
10/13/2025 16:41:24	Excellent	Highly relevant	Very clear	Strongly agree	Very likely	

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Timestamp	How would you rate the overall quality of the	Was the content of the lecture relevant to you	How clear and understandable was the exper	Did the expert effectively engage the audienc	How likely are you to apply the knowledge gai	
76	10/13/2025 17:32:17	very good	Somewhat relevant	Very clear	Agree	Very likely
77	10/13/2025 17:32:20	very good	Highly relevant	Clear	Strongly agree	Likely
78	10/13/2025 17:32:33	good	Neutral	Clear	Agree	Likely
79	10/13/2025 17:39:10	very good	Highly relevant	Clear	Agree	Likely
80	10/13/2025 17:47:06	good	Somewhat relevant	Somewhat unclear	Disagree	Unlikely
81	10/13/2025 17:49:43	very good	Highly relevant	Clear	Agree	Likely
82	10/13/2025 17:52:55	very good	Highly relevant	Clear	Agree	Likely
83	10/13/2025 17:58:33	Excellent	Highly relevant	Very clear	Agree	Very likely
84	10/13/2025 18:00:25	very good	Highly relevant	Clear	Agree	Likely
85	10/13/2025 18:05:44	very good	Neutral	Clear	Agree	Likely
86	10/13/2025 18:09:08	very good	Somewhat relevant	Clear	Agree	Likely
87	10/13/2025 18:14:13	Excellent	Highly relevant	Clear	Agree	Likely
88	10/13/2025 18:42:48	Excellent	Highly relevant	Clear	Agree	Likely
89	10/13/2025 18:43:23	Excellent	Highly relevant	Very clear	Agree	Very likely
90	10/13/2025 19:21:42	good	Somewhat relevant	Clear	Agree	Likely
91	10/13/2025 19:25:54	Excellent	Highly relevant	Very clear	Strongly agree	Very likely
92	10/13/2025 19:39:19	Excellent	Highly relevant	Very clear	Strongly agree	Very likely
93	10/13/2025 19:40:56	Excellent	Highly relevant	Very clear	Strongly agree	Very likely
94	10/13/2025 20:35:11	very good	Highly relevant	Very clear	Agree	Very likely
95	10/13/2025 20:35:43	very good	Highly relevant	Clear	Agree	Likely
96	10/13/2025 20:38:59	Excellent	Highly relevant	Very clear	Strongly agree	Very likely
97	10/13/2025 21:06:54	good	Somewhat relevant	Clear	Agree	Likely
98	10/13/2025 22:10:55	Excellent	Highly relevant	Very clear	Strongly agree	Likely

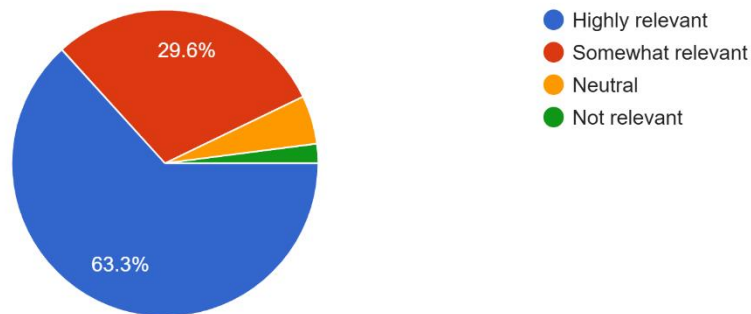
How would you rate the overall quality of the expert lecture session?

98 responses



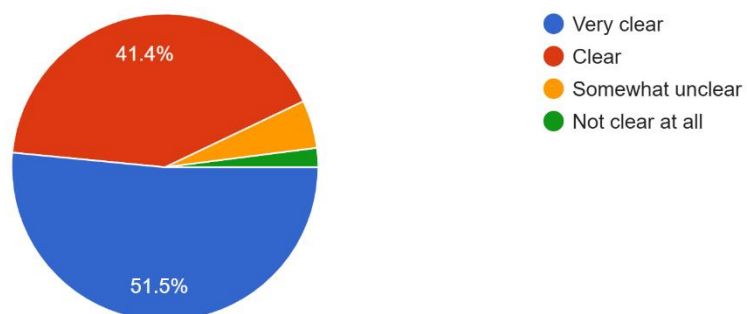
Was the content of the lecture relevant to your interests or field of study?

98 responses



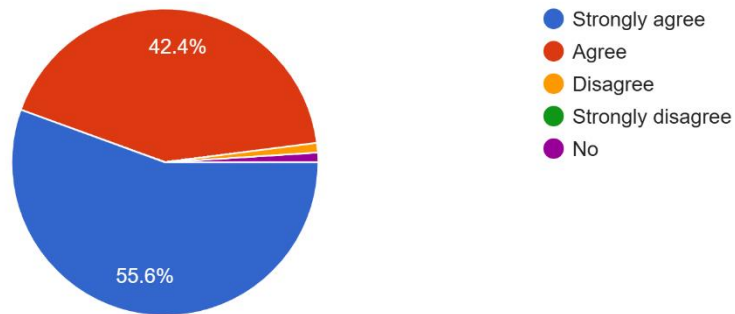
How clear and understandable was the expert's presentation?

99 responses



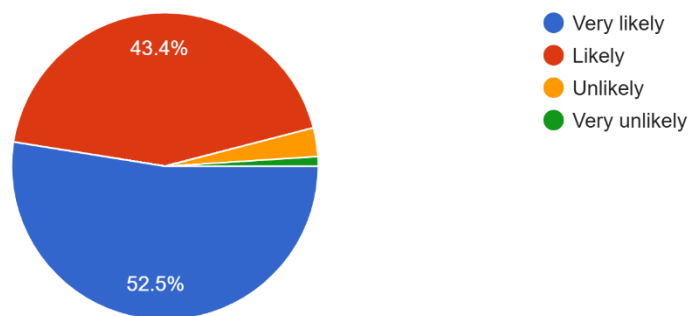
Did the expert effectively engage the audience during the session?

99 responses



How likely are you to apply the knowledge gained from this lecture in your work or studies?

99 responses



Faculty Coordinator

- HOD-ECE