



SOUTH EAST ASIAN EDUCATION TRUST®
S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY
(Approved by All India Council for Technical Education (AICTE), New Delhi
Affiliated to Visvesvaraya Technological University(VTU), Belagavi, Recognised by Government of Karnataka)

Department of Electronics and Communication Engineering

Report on the Seminar on Roles and Opportunities in VLSI Industry

A Seminar on “Roles and Opportunities in VLSI Industry” was organized by Department of Electronics and Communication Engineering, S.E.A College of Engineering and Technology, Bangalore on 13th January, 2024. The Seminar was conducted in AC Seminar Hall, S.E.A College of Engineering and Technology from 10.30 am to 12.30 pm. The seminar was arranged for final year and pre final year students. Nearly 60 students participated in the seminar. The function was presided by Dr.Bhagavanth K Deshpande, Director, SEACET and Dr.B.Venkatanarayana, Principal, SEACET and introduction of resource person was given by Mrs.Revathi.K, AP, ECE, SEACET.

About Seminar:



S.E.A College of Engineering and Technology
Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi and Accredited B++ by NAAC
Ekta Nagar, Near Ayyappa Nagar Circle, Devasandra Main Road, K.R.Puram, Bangalore-49



Sathisha B M
Senior Design Engineer,
Quest Global, Bangalore



Department of Electronics and Communication Engineering
Organizes
Seminar on
“Roles and Opportunities in VLSI Industry”



In Association with IQAC and IIC
On 13th January 2024
at 10.00AM
Venue : AC Seminar Hall



Objective of the Seminar:

The objective of a workshop or discussion on "Roles and Opportunities in the VLSI (Very Large Scale Integration) Industry" is to provide participants with a comprehensive understanding of the industry landscape, its various roles, and the potential career opportunities. The goals of such a session include:

- Networking and Industry Connections
- Industry Overview
- Skill Development
- Career Paths

Resource Person of the Seminar:

Resource Person of the seminar was Mr.Sathisha B M, Senior Design Engineer, Quest Global, Bangalore.

About Resource Person:

SATHISHA B M

Email: sathishadft@gmail.com
Contact: +919972502600
Place: Bengaluru

CAREER VISION

To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning.

PROFESSIONAL EXPERIENCE

Presently Working as a Senior DFT Design Engineer at Quest-global Pvt Ltd, Bengaluru.

January 2023-till date.

Assistant Professor, Department of Electronics and Communication, Nitte Meenakshi Institute of Technology, Bangalore.

January 2022 – December 2022.

Assistant Professor, Department of Electronics and Communication, Gopalan college of engineering and management, Bangalore.

June 2019 – December 2021.

Assistant Professor, Department of Electricals and computer Engineering, Debra Tabor university, Ethiopia, East Africa.

October 2016 - June 2019.

Assistant Professor, Department of Electronics and Communication, Gopalan college of engineering and management, Bangalore.

August 2013 - September 2016.

TECHNICAL SKILLS

DFT Skill set:

- Scan implementation
- DRC Analysis during Scan implementation
- Having knowledge on compression with EDT logic
- ATPG DRC & Pattern generation
- Coverage analysis and improvement.
- Pattern validation for different fault models.

DFT Basic and fundamentals, SCAN Architecture, SCAN DRC, SCAN Insertion, EDT Insertion, ATPG, Pattern validation.

Tools Used:

Expertise in using Mentor Graphics tools for ATPG generation and pattern validation and Synopsys tools for synthesis.

Insights from Seminar:

Mr.Sathisha B M, Senior Design Engineer, Quest Global, Bangalore delivered the topic in “Roles and Opportunities in the VLSI (Very Large Scale Integration) Industry”. The seminar provided invaluable insights for participants, delving into cutting-edge technologies, industry trends, and best practices. Attendees gained a comprehensive understanding of global perspectives and were afforded networking opportunities, connecting with peers and experts alike. Practical skills and knowledge were imparted through workshops, emphasizing collaboration and teamwork strategies.

The event tackled real-world problem-solving, exposing participants to industry challenges and offering guidance on potential career paths and growth trajectories. Additionally, the seminar showcased innovative projects, provided updates on regulatory changes, and underscored the importance of ethical considerations. Soft skills development, such as communication and leadership, was a focal point, complemented by motivational talks and success stories to inspire participants toward higher professional goals. Overall, the seminar proved to be a dynamic platform, equipping attendees with a well-rounded perspective on their industry while fostering a collaborative and forward-thinking mindset. the responsible and innovative advancement of Artificial Intelligence in their respective fields.







The Seminar was concluded at 12.30pm. The seminar ended with the vote of thanks by Mrs.Revathi K, AP, ECE, SEACET. Feedback form was collected at the end of the seminar from the students. The Seminar was highly informative and thus provided valuable awareness and insights on the various aspects of VLSI Industry.

Seminar Outcome:

- Enhanced Understanding
- Expanded Network
- Practical Skills Development
- Career Guidance

Students Name list – Seminar:

Sl.No	USN	NAME
1.	1SP22EC001	ABHI S R
2.	1SP22EC002	AISHWARYA M
3.	1SP22EC004	AKHIL S
4.	1SP22EC005	ANJALI M
5.	1SP22EC006	ASHIK M
6.	1SP22EC007	BHARGAV A
7.	1SP22EC008	CHAITHRA K R
8.	1SP22EC009	RUPESH C
9.	1SP22EC010	CHETHAN REDDY C S
10.	1SP22EC011	CHIDANANDA REDDY G S
11.	1SP22EC012	CHIRANJEEVI S
12.	1SP22EC013	D N CHANDANA
13.	1SP22EC014	D SREENATH
14.	1SP22EC015	DEEKSHITHA T S
15.	1SP22EC017	DIVYA K S
16.	1SP22EC018	EMMANUEL CHAUDHARY
17.	1SP22EC019	HARSHA G
18.	1SP22EC020	HUDHA SHAHISTA KHANUM DURWESH
19.	1SP22EC021	J SAI PAVAN KUMAR REDDY
20.	1SP22EC022	JHONATHAN P
21.	1SP22EC023	M GOWTHAMI
22.	1SP22EC024	MANOJKUMAR M
23.	1SP22EC025	MOKSHA S
24.	1SP22EC026	MONISHA M S
25.	1SP22EC027	MUSKAN A
26.	1SP22EC028	NANDINI G R
27.	1SP22EC029	NANDISH T S
28.	1SP22EC030	NARENDRA N
29.	1SP22EC031	NEERISHA M
30.	1SP22EC032	NIKEETHA A
31.	1SP22EC033	NITHIN G
32.	1SP22EC034	NITHIN KUMAR H N
33.	1SP22EC035	NITHIN N
34.	1SP22EC036	NOTI HARSHA VARDHAN

35.	1SP22EC037	PALLAVI K A
36.	1SP22EC038	PRANOWMYA NALAM
37.	1SP22EC039	PRASHANTH GOWDA R
38.	1SP22EC040	PRAVEEN KUMAR
39.	1SP22EC041	V PUNNISH
40.	1SP22EC042	RAGHUNANDAN P
41.	1SP22EC043	SAI KIRAN V
42.	1SP22EC044	SAKSHI MOHANDAS PAI
43.	1SP22EC045	SANGEETHA C
44.	1SP22EC046	SANJAY TIWARI
45.	1SP22EC047	SHALINI E
46.	1SP22EC048	SHAMA K
47.	1SP22EC049	SHANKAR P A
48.	1SP22EC050	SHIVARAJ M
49.	1SP22EC051	SHREYA RAJENDRA DEVEKAR
50.	1SP22EC052	SINDHUJA M R
51.	1SP22EC053	SOFIYA J
52.	1SP22EC054	SOUJANYA C S
53.	1SP22EC055	SRUSHTI G N
54.	1SP22EC056	SWAPNA B V
55.	1SP22EC057	TEJA S
56.	1SP22EC058	THRISHA K S
57.	1SP22EC059	UMA N
58.	1SP22EC061	VAISHALI L N
59.	1SP22EC062	VINOD KUMAR R R
60.	1SP22EC063	YASHWANTH C R

Students Attendance sheet (scanned):

S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

Students Attendance

Seminar on

"Roles and Opportunities in VLSI Industry" 13-01-2024

S No	USN	NAME OF THE STUDENT	SIGNATURE
1	1SP22EC001	ABHI S R	Abhi S R
2	1SP22EC002	AISHWARYA M	Aishwarya M
3	1SP22EC004	AKHIL S	Akhil S
4	1SP22EC005	ANJALI M	Anjali M
5	1SP22EC006	ASHIK M	Ashik M
6	1SP22EC007	BHARGAV A	Bhargav A
7	1SP22EC008	CHAITHRA K R	Chaithra K R
8	1SP22EC009	RUPEESH C	Rupesh C
9	1SP22EC010	CHETHAN REDDY C S	Chethan Reddy C S
10	1SP22EC011	CHIDANANDA REDDY G S	Chidananda Reddy G S
11	1SP22EC012	CHIRANJEEVI S	Chiranjeevi S
12	1SP22EC013	D N CHANDANA	D N Chandana
13	1SP22EC014	D SREENATH	D Sreenath
14	1SP22EC015	DEEKSHITHA T S	Deekshitha T S
15	1SP22EC017	DIVYA K S	Divya K S
16	1SP22EC018	EMMANUEL CHAUDHARY	Emmanuel Chaudhary
17	1SP22EC019	HARSHA G	Harsha G
18	1SP22EC020	HUDHA SHAHISTA KHANUM DIRWESH	Hudha Shahista Khanum Dirwesh
19	1SP22EC021	J SAI PAVAN KUMAR REDDY	J Sai Pavan Kumar Reddy
20	1SP22EC022	JHONATHAN P	Jhonathan P
21	1SP22EC023	M GOWTHAMI	M Gowthami
22	1SP22EC024	MANOJKUMAR M	Manoj Kumar M
23	1SP22EC025	MOKSHA S	Moksha S
24	1SP22EC026	MONISHA M S	Monisha M S
25	1SP22EC027	MUSKAN A	Muskan A
26	1SP22EC028	NANDINI G R	Nandini G R
27	1SP22EC029	NANDISH T S	Nandish T S
28	1SP22EC030	NARENDRA N	Narendra N
29	1SP22EC031	NEERISHA M	Neerisha M
30	1SP22EC032	NIKEETHA A	Nikeetha A
31	1SP22EC033	NITHIN G	Nithin G
32	1SP22EC034	NITHIN KUMAR H N	Nithin Kumar H N
33	1SP22EC035	NITHIN N	Nithin N
34	1SP22EC036	NOTI HARSHA VARDHAN	Noti Harsha Vardhan
35	1SP22EC037	PALLAVI K A	Pallavi K A

36	1SP22EC038	PRANOWMYA NALAM	Pranowmya
37	1SP22EC039	PRASHANTH GOWDA R	Prashanth
38	1SP22EC040	PRAVEEN KUMAR	Praveen
39	1SP22EC041	V PUNNISH	V. punnish
40	1SP22EC042	RAGHUNANDAN P	Raghu
41	1SP22EC043	SAI KIRAN V	Sai Kiran
42	1SP22EC044	SAKSHI MOHANDAS PAI	Sakshi
43	1SP22EC045	SANGEETHA C	Sangeetha
44	1SP22EC046	SANJAY TIWARI	Sanjay
45	1SP22EC047	SHALINI E	Shalini
46	1SP22EC048	SHAMA K	Shama
47	1SP22EC049	SHANKAR P A	Shankar
48	1SP22EC050	SHIVARAJ M	Shivaraj
49	1SP22EC051	SHREYA RAJENDRA DEVEKAR	Shreya
50	1SP22EC052	SINDHUJA M R	Sindhuja
51	1SP22EC053	SOFIYA J	Sofiya
52	1SP22EC054	SOUJANYA C S	Soujanya
53	1SP22EC055	SRUSHTI G N	Srushti
54	1SP22EC056	SWAPNA B V	Swapna
55	1SP22EC057	TEJA S	Teja
56	1SP22EC058	THRISHA K S	Thrisha
57	1SP22EC059	UMA N	Uma
58	1SP22EC061	VAISHALI L N	Vaishali
59	1SP22EC062	VINOD KUMAR R R	Vinod
60	1SP22EC063	YASHWANTH C R	Yashwanth
61	1SP21EC001	Aishwarya D	Aishwarya
62	1SP21EC002	Aishwarya HR	Aishwarya
63	1SP21EC004	Bharatwaz R	Bharatwaz
64	1SP21EC005	Denitha D	Denitha
65	1SP21EC006	Godlaveeti Guru Mahesh	Godlaveeti
66	1SP21EC008	Jagathi sai Teja	Jagathi
67	1SP21EC009	Jalani KS	Jalani
68	1SP21EC010	Kannika PN	Kannika
69	1SP21EC011	Karthik VH	Karthik
70	1SP21EC012	D. Kevin George	D. Kevin
71	1SP21EC013	L.Pawan Kumar	L.Pawan
72	1SP21EC014	Mohammed Nawaz Ullah	Mohammed
73	1SP21EC015	Nikhil K	Nikhil
74	1SP21EC017	Ranjitha M	Ranjitha
75	1SP21EC018	S Yuvaraj	S. Yuvaraj
76	1SP21EC019	Sachin Kumar S	Sachin
77	1SP21EC020	Sahana H	Sahana
78	1SP21EC021	Shamie Zehra	Shamie
79	1SP21EC022	Sindhu KJ	Sindhu
80	1SP21EC023	Sindhu V	Sindhu
81	1SP21EC024	Skanda P	Skanda

4T

LT

Bharat. Nalawade

Kishore. R

B.V. Nalawade

R. Jeyaraj

Sample Feedback forms from students (Google Form):

Feedback form for students for Seminar on Roles and Opportunities in VLSI Industry

Student Name *

Sakshi Mohandas Pal

USH NO *

18P02EC044

Email Id *

sakshimpe0@gmail.com

Contact Number *

994-603-6944

Year *

☒ II YEAR

☐ III YEAR

☐ IV YEAR

Write down the benefits got by attending this program? *

We come to know as many things

Any Notes or Content Material provided (Y/N): *

☐ Yes

☒ No

Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning? *

Yes

Have you found any innovative idea of making learning process from this program? Explain. *

Yes

Whether initiatives like this should be organized in the coming future or not? Give reason. *

Yes

Any Notes or Content Material provided (Y/N): *

- ☐ Yes
- ☒ No

Does this program have brought any change in your understanding of the subject, skills and your attitude towards the learning ? *

Yes

Have you found any innovative idea of making learning process from this program? Explain. *

Yes

Whether initiatives like this should be organized in the coming future or not? Give reason. *

Yes

How do you plan to share the gained knowledge/skill with your friends who did not attend the program? *

Yes

Kindly give rating to the different aspects of Seminar (Out of 5 marks) *

	5	4	3	2	1
Course Content	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resource Persons	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentations	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interactive Sessions	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reading Material	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Basic Facilities	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>