



**Koneru Lakshmaiah Education Foundation**  
(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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Ref: KLEF/RO/ECE/CIRCULAR

Date: 07-11-2022

**CIRCULAR**

**Sub:** Organizing event "Workshop" for the students of Electronics and Communication Engineering, of Vaddeswaram Campus of KLEF – Reg.

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This is to inform that the Department of Electronics and Communication Engineering, KLEF, is Organizing a "Workshop on Digital design using CMOS" for the students of Electronics and communication Engineering, Vaddeswaram Campus of KLEF on, 09-11-2022, as details below:

Event Name: "Workshop"


Date: 09-11-2022

Venue: R-106

All the students of ECE, are invited to attend this program.

Dy-HOD's & Year coordinators are requested to bring this information to the attention of all ECE students and encourage them to participate in this program.

To  
All ECE Students,  
All ECE Faculty,  
Principal.

  
HOD/ECE  
Dr M. Suman  
**Dr. M. SUMAN**  
Professor & Head  
Department of ECE  
KLEF  
Green Fields, Vaddeswaram  
Guntur Dist., A.P. PIN: 522 502



## **Koneru Lakshmaiah Education Foundation**

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### **A One-Day Workshop On “Digital design using CMOS”.**

**By**

**Always@VLSI**

**Department Of ECE**

**Name of the event:** Digital design using CMOS

**Dates:** 09-11-2022

**Venue:** R106

**No. of students participated:** 88

#### **Objective of the event:**

The event "Digital Design Using CMOS" organized by Always@VLSI club likely focuses on digital circuit design using CMOS (Complementary Metal-Oxide-Semiconductor) technology. CMOS is a fundamental technology used in modern integrated circuits, offering advantages in terms of low power consumption, high noise immunity, and scalability. In this event, participants may expect to learn about the principles and techniques involved in designing digital circuits using CMOS technology. This could include topics such as logic gates, flip-flops, registers, and other digital building blocks implemented using CMOS transistors. Participants might also gain hands-on experience through practical sessions where they can design and simulate digital circuits using CMOS technology. These activities could involve using software tools like SPICE (Simulation Program with Integrated Circuit Emphasis) or CAD (Computer-Aided Design) tools specifically tailored for digital CMOS design.

#### **Description of the event:**

The "Digital Design Using CMOS" event organized by Always@VLSI club is a comprehensive workshop tailored for enthusiasts and professionals interested in mastering the fundamentals of digital circuit design utilizing CMOS technology. Throughout the event,

participants will delve into the intricacies of CMOS-based digital design, covering essential concepts such as logic gates, flip-flops, registers, and other fundamental building blocks crucial for designing modern digital systems. The workshop will offer a blend of theoretical sessions and hands-on practical exercises, ensuring participants not only grasp the theoretical underpinnings but also gain valuable experience in designing, simulating, and analyzing digital circuits using CMOS technology.

### **Outcome of the event:**

The "Digital Design Using CMOS" event delivered a transformative experience for participants, combining theoretical insights with hands-on practical exercises to deepen understanding and proficiency in digital circuit design. Throughout the event, participants delved into the intricacies of CMOS technology, mastering concepts such as logic gates, flip-flops, and sequential circuits. Practical workshops equipped attendees with the skills to design, simulate, and optimize digital circuits using industry-standard CAD tools and simulation software. The event fostered a vibrant community of enthusiasts and professionals, providing networking opportunities to exchange ideas and forge valuable connections. By the event's conclusion, participants emerged with enhanced knowledge, practical skills, and a strengthened network, empowering them to excel in the dynamic field of VLSI design and CMOS technology.

### **Photos of the event:**



**Student mentor guiding the students in design process**

**Participant's List:**

S. NO	STUDENT ID	STUDENT NAME	DEPT	SIGNATURE
1	2100049095	ALETI SANTHOSH .	ECE	<i>Santhosh</i>
2	2100049084	JALDU MOUNIKA NAGA RAMA SUDHA	ECE	<i>Sudha</i>
3	2100049082	MEDISETTI GUNASRI	ECE	<i>Gunasri</i>
4	2100049081	MALE SAI MANIKANTA	ECE	<i>Manikanta</i>
5	2100049080	TALLA VENKATA GOPI ROHITH	ECE	<i>Rohith</i>
6	2100049079	VELAMARTHI ABHINAY ANAND	ECE	<i>Anand</i>
7	2100049077	VEERAMACHANENI VENKATA NAVEEN	ECE	<i>Naveen</i>
8	2100049076	YANAMALAMANDA VAMSI	ECE	<i>Vamsi</i>
9	2100049072	CHEEPURUPALLI BALA SRIDHAR	ECE	<i>Sridhar</i>
10	2100049071	ADIREDDY JYOTHI BHAVANI SHANKAR	ECE	<i>Shankar</i>
11	2100049068	JANGILI SIVA SAI PRAKASH	ECE	<i>Prakash</i>
12	2100049065	UPPALA RAVI TEJA	ECE	<i>Teja</i>
13	2100049064	POKALA SURYA AKASH	ECE	<i>Akash</i>
14	2100049063	PRUDHVI GOPAL VELISALA	ECE	<i>Velisala</i>
15	2100049051	SYED ASHRUF	ECE	<i>Ashruf</i>
16	2100049050	MADEM SIVA MASTHAN REDDY	ECE	<i>Reddy</i>
17	2100049047	KORIVI AKHIL	ECE	<i>Akhil</i>
18	2100049095	ALETI SANTHOSH .	ECE	<i>Aliti</i>
19	2100049084	JALDU MOUNIKA NAGA RAMA SUDHA	ECE	<i>Sudha</i>
20	2100049082	MEDISETTI GUNASRI	ECE	<i>Gunasri</i>
21	2100049081	MALE SAI MANIKANTA	ECE	<i>Mani</i>
22	2100049080	TALLA VENKATA GOPI ROHITH	ECE	<i>Rohith</i>
23	2100049079	VELAMARTHI ABHINAY ANAND	ECE	<i>Anand</i>
24	2100049077	VEERAMACHANENI VENKATA NAVEEN	ECE	<i>Naveen</i>

25	2100049076	YANAMALAMANDA VAMSI	ECE	
26	2100049072	CHEEPURUPALLI BALA SRIDHAR	ECE	<u>Bala M</u>
27	2100049071	ADIREDDY JYOTHI BHAVANI SHANKAR	ECE	<u>Jyothi</u>
28	2100049068	JANGILI SIVA SAI PRAKASH	ECE	<u>Prakash</u>
29	2100049065	UPPALA RAVI TEJA	ECE	<u>Ravi Teja</u>
30	2100049064	POKALA SURYA AKASH	ECE	<u>P. Surya</u>
31	2100049063	PRUDHVI GOPAL VELISALA	ECE	<u>Gopal</u>
32	2100049051	SYED ASHRUF	ECE	<u>S. Ashraf</u>
33	2100049050	MADEM SIVA MASTHAN REDDY	ECE	<u>Masthan</u>
34	2100049047	KORIVI AKHIL	ECE	<u>Akhil</u>
35	2000049045	CHAPARALA TEJA SRI	ECE	<u>Teja</u>
36	2000049041	MELAM VEERA SAI TEJA	ECE	<u>Veera</u>
37	2000049032	KUCHIPUDI LAKSHMI MANJU PRAVALLIKA	ECE	<u>Manjula</u>
38	2000049031	GEDELA YASHWANTH SAIRAM	ECE	<u>Sairam</u>
39	2000049029	KUNDELLA GANESH YADAV	ECE	<u>K. Ganesh Yadav</u>
40	2000049028	MYNAMPATI VENKATA SAI SRI PRABHAS	ECE	<u>Prabhas</u>
41	2000049026	SRIPATHI CHANDANA	ECE	<u>S. Chandana</u>
42	2000049022	KRAPA LOKESH	ECE	<u>Lokesh</u>
43	2000049019	VYSHNAVI VIPPAGUNTA	ECE	<u>Vishnavi</u>
44	2000049016	JINKA JITENDRA SAI KARTHIK	ECE	<u>Karthik</u>
45	2000049015	YADALA VENKATA NITHISH KUMAR	ECE	<u>Kumar</u>
46	2000049013	GUDURU BALAJI INDUJA	ECE	<u>G. Balaji Induja</u>
47	2000049012	RAMALA DHEERAJ	ECE	<u>Dheeraj</u>
48	2000049011	KAMMILI LALITH MADHAV	ECE	<u>Madhav</u>
49	2000049009	VADDI DEEPAK	ECE	<u>Deepak</u>
50	2000049007	SUDUNAGUNTA SREE VARSHINI	ECE	<u>Varshini</u>

51	2000049045	CHAPARALA TEJA SRI	ECE	Teja Sri
52	2000049041	MELAM VEERA SAI TEJA	ECE	Teja
53	2000049032	KUCHIPUDI LAKSHMI MANJU	ECE	Manjula
54	2000049031	GEDELA YASHWANTH SAIRAM	ECE	Sairam
55	2000049029	KUNDELLA GANESH YADAV	ECE	Yadav
56	2000049028	MYNAMPATI VENKATA SAI SRI	ECE	Sai
57	2000040281	VANTEDDU PRAVEEN REDDY	ECE	Praveen
58	2000040273	GAYATHRI KETINENI	ECE	Gayathri
59	2000040272	APPANI GOPICHANDU	ECE	Appani
60	2000040270	PODURI ABHISHEK SURYA	ECE	Surya
61	2000040269	MANOJ KUMAR ROKKAM	ECE	Rokkam
62	2000040268	GANDREDDI CHAITANYA NAIDU	ECE	Chaitanya
63	2000040266	BOJJA SIVA VAISHNAVI	ECE	Vaishnavi
64	2000040261	MALISSETY ROHAN	ECE	Rohan
65	2000040258	PATHAN HASAN ZAHEERKHAN	ECE	Hasan
66	2000040256	NALI BHARGAVA SARASWATHI	ECE	Bhargava
67	2000040252	KOTA LAKSHMI MANOGNA	ECE	Lakshmi
68	2000040249	BODDOJU VISHNU VARDHAN	ECE	Vardhan
69	2000040245	GURRAMPATI PREETHI REDDY	ECE	Preethi
70	2000040244	VISHNU VARDHAN REDDY	ECE	Vardhan
71	2000040281	VANTEDDU PRAVEEN REDDY	ECE	Praveen
72	2000040273	GAYATHRI KETINENI	ECE	Gayathri
73	2000040272	APPANI GOPICHANDU	ECE	Appani
74	2000040270	PODURI ABHISHEK SURYA	ECE	Surya
75	2000040269	MANOJ KUMAR ROKKAM	ECE	Manoj
76	2000040268	GANDREDDI CHAITANYA NAIDU	ECE	Chaitanya

77	2000040266	BOJJA SIVA VAISHNAVI	ECE	B. Siva Vardh
78	2000040196	RAJARIKAM KIREETI	ECE	Kireeti
79	2000040193	KANAMARLAPUDI VENKATA SURYA	ECE	Surya
80	2000040187	VALLAMKONDA SATVIKA	ECE	Satvika
81	2000040184	SURALA DEVA VENKATA SAI	ECE	S. Deva Sath
82	2000040182	KANDULA KOWSHIK REDDY	ECE	K. Kowshik Reddy
83	2000040181	MOVVA YASWA VENKATA SAI VINAY	ECE	Vinay
84	2000040154	DEMULA LIKITHA	ECE	Likitha
85	2000040153	VANKADARA VENKATA JATHIN GUPHA	ECE	Jathin
86	2000040151	VADAKATTU SREEYA	ECE	Sreeya
87	2000040146	TATAPUDI V S S S K RAVITEJA	ECE	Raviteja
88	2000040196	RAJARIKAM KIREETI	ECE	Kireeti

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