



GOVERNMENT POLYTECHNIC COLLEGE VALSAD
Electrical Engineering Department
EXPERT LECTURE REPORT



On **April 18, 2024**, Professor Devendra Tandel delivered an expert lecture on "**Digital Logic Circuit Design using Proteus Software**" for **4th-semester** students. Currently serving as an Assistant Professor at Government Engineering College, Valsad, Professor Devendra Tandel facilitated the event.

The objective of the expert lecture was to familiarize students with the utilization of simulation tools for designing and testing digital logic circuits.

The lecture took place in the Civil seminar hall, where 63 second-year students (SEM 4) from the Electrical Engineering department participated. Professor Tandel meticulously guided the students through the process of designing and testing digital logic circuits using Proteus Software. He elaborated on the step-by-step procedure, starting from the fundamentals of basic logic gates to the simulation of complex combinational and sequential circuits.

Throughout the session, Professor Tandel effectively correlated different topics, ensuring an engaging learning experience for the students. He emphasized the significance of simulation as a precursor to hardware implementation, showcasing simulations of Half Adders, Encoders, Decoders, Multiplexers and Counters.

The organization and coordination of the expert lecture were managed by Mr. K.H. Tandel, Lecturer in EC Engineering, and Mr. H.N. Lad, Lecturer in Electrical Engineering.

Feedback from the students reflected their satisfaction with the session, underscoring the valuable insights gained into Digital Logic Circuit Design using Proteus Software.

Name of Course	Digital Electronics & Digital Instruments
Code	4340904
CO Covered	1. CO2 - Use digital integrated circuit and logic family chips 2. CO3 - Build sequential and combinational logic circuits.

➤ Session Photos



Attendance

GOVERNMENT POLYTECHNIC VALSAD
ELECTRICAL ENGINEERING DEPARTMENT

EXPERT LECTURE ON: Digital logic circuit Design
SEM: 4th using Proteus Software

DATE: 18/04/2024

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4	226290309140	sweet m Patel	7862965373	<u>Sweet</u>
5	226290309056	minix v morekar	9321263152	m morekar
6	226290309045	JAY. A. Lad	9099434092	J. A. Lad
7	226290309086	DIP. N. PATEL	7046304776	D. N. Patel
8	226290309107	Kejur. R. Patel	7016074347	K.R. Patel
9	226290309148	vikas R. Patel	6351763770	V.R. Patel
10	226290309039	Kumli Jainim. K.	9313432697	J. K. Kumli
11	226290309021	Dhurydy Romak	6666237521	R. L. Dhurydy
12	226290309188	Tandel Aryan. S	8780476188	A.S.Tandel
13	226290309160	Patil Pratik D.	9898226262	<u>Patil</u>
14	226290309197	Tandel Muntik. k	9714005910	<u>Muntik</u>
15	226290309161	Pawar Karatik A.	9428885568	<u>Karik</u>
16	226290309159	Patil Aramesh B.	8160781655	<u>Aramesh</u>
17	226290309157	Patil Dadasaheb D	7777952288	<u>Dadasaheb</u>
18	226290309128	Patil Parinul Kumar S.	2486800386	P.S.Patil
19	226290309029	Arupya Arupesh B.	9106022567	A.B. Arupya
20	226290309153	Patil YASH A.	9023147373	Y.A. Patil
21	226290309016	Chaudhari Vanshik. R.	84169205947	Vanshik
22	226290309156	Sohil Polhan. Z.	248831588	<u>Sohil</u>
23	226290309177	Singh Ashish. T.	7016158347	<u>Ashish</u>
24	226290309186	Tandel Devang P	7046080468	D.P.Tandel
25	226290309198	Tandel Niraj V.	9278064221	Tandel Niraj
26	226290309192	Tandel Karna R.	9904588961	Tandel K.R.
27	226290309191	Tandel Hevik. A	9879167552	Tandel H.A.
28	226290309190	Captain Ugas J	825202511	<u>Ugas</u>
29	226290309206	Tandel Sachin P.	7016983666	<u>Sachin</u>

**GOVERNMENT POLYTECHNIC VALSAD
ELECTRICAL ENGINEERING DEPARTMENT**

EXPERT LECTURE ON: _____

SEM: _____

DATE: _____

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31	226290309240	Kumli Rishikesh R.	8511287156	R.R. Kumli
32	226290309139	Patel Shreyas K.	6353496615	S.K. Patel
33	226290309108	Patel Kharshi R	9824647006	R. R. P.
34	226290309061	Patel Zeel R	6153995233	Z.R. Patel
35	226290309089	Patel Diya . n	2920709402	D.N.P
36	226290309097	Patel Itiya . B.	8320497408	I.B.P
37	226290309112	patel Kshitika S	9725931635	KSPatel
38	226290309146	Patel Twinkal H.	9512043596	T.H. Patel
39	226290309067	Patel Anee A.	8347320275	A.A. Patel
40	226290309109	Patel Kisa D.	9099328805	K.D. Patel
41	226290309102	Patel Jenish J.	8147794625	J.P.
42	226290309149	Patel Viral S.	7861873755	V.S. Patel
43	226290309179	Sodha Keyur S.	8355307101	K.S. Sodha
44	226290309150	Patel Vrajesh S.	9265204620	V.S. Patel
45	226290309035	Patel Tej S.	9082313599	T.P.
46	226290309032	RAHUL . D. Halpati.	7016199554	R.D.H.
47	226290309130	Patel Revi M.	7621809004	Revi.M.P
48	236298309056	AbdulKarim M Vohar	9722798253	AbdulKarim
49	236298309048	Singh Poojan Subal	8487957159	Patel
50	236298309002	meeta . B. Chauhan	9780438158	M.B.
51	236298309029	Katav M Patel	9051622027	Katav
52	236298309028	Heer D Patel	9408786345	H.D.P
53	236298309035	Asutham D Patel	9727526330	Asutham
54	236298309044	om R Rathod	9990340992	O.R.R
55	236298309050	Dev K Tandel	9285032900	Dev K Tandel
56	236298309052	Keni M Tandel	9558021182	K.M. Tandel
57	236298309016	Sujal P mistroy	9128600106	Sujal
58	236298309040	Yash K Patel	9016929492	Y.K.P

