



## Department of Electronics and Telecommunication

### LIST OF 10 YOUTUBE VIDEOS ON CONCEPT

**Class: BE**

**Subject: VLSI Design & Technology**

Sr.No.	Title of Video	YouTube Link
1	Introduction to Xilinx	<a href="https://www.youtube.com/watch?v=BmcxBUaT4g&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=2">https://www.youtube.com/watch?v=BmcxBUaT4g&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=2</a>
2	Design of Or gate using Xilinx	<a href="https://www.youtube.com/watch?v=XSdvrubeGV8&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=4">https://www.youtube.com/watch?v=XSdvrubeGV8&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=4</a>
3	Design of ALU using Xilinx	<a href="https://www.youtube.com/watch?v=c36K4l18TzY&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=5">https://www.youtube.com/watch?v=c36K4l18TzY&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=5</a>
4	Design of Shift Register using Xilinx	<a href="https://www.youtube.com/watch?v=g2QswPpTYg4&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=57">https://www.youtube.com/watch?v=g2QswPpTYg4&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=57</a>
5	CMOS Inverter using Microwind	<a href="https://www.youtube.com/watch?v=_YOW5upssOI&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=58">https://www.youtube.com/watch?v=_YOW5upssOI&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=58</a>
6	CMOS NAND NOR using Microwind	<a href="https://www.youtube.com/watch?v=2zLzr3yW8Ok&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=59">https://www.youtube.com/watch?v=2zLzr3yW8Ok&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=59</a>
7	MUX using Microwind	<a href="https://www.youtube.com/watch?v=kg3ee8lrDeQ&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=60">https://www.youtube.com/watch?v=kg3ee8lrDeQ&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=60</a>
8	Half adder design using Microwind	<a href="https://www.youtube.com/watch?v=wgWa6Upq0nk&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=167">https://www.youtube.com/watch?v=wgWa6Upq0nk&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=167</a>
9	6T SRAM cell design using Microwind	<a href="https://www.youtube.com/watch?v=zxG1WYr33NU&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=168">https://www.youtube.com/watch?v=zxG1WYr33NU&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=168</a>
10	D FF design using Microwind	<a href="https://www.youtube.com/watch?v=yHzBa11vbwo&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=169">https://www.youtube.com/watch?v=yHzBa11vbwo&amp;list=PLfaOAKLEB7Vt6mTEh0uQCM9Ao-dPgbjh0&amp;index=169</a>

Subject Incharge

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