

V.S.B. ENGINEERING COLLEGE, KARUR

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Details of the utilization of Animated and NPTEL Videos - Academic Year 2018 – 2019

Class: II Year EEE

Sl. No	Name of the Faculty	Subject code	Name of the Subject	Topic	Details of Web link	
					Web link for Animated Videos	NPTEL Video Links
1	M.Iyappan	EC8353	Electronic devices and circuits	Hybrid π model	https://www.youtube.com/watch?v=yUEss0Dl6ww	
2				Wien bridge oscillator	https://www.youtube.com/watch?v=lmAX84DdBHY	
3				Differential Amplifier	https://www.youtube.com/watch?v=8IRzGRqcNaA	
4				Working of a PNP transistor	https://www.youtube.com/watch?v=fOvZKtZogb0	
5				Zener diode	https://www.youtube.com/watch?v=d4zO39K_ce8	

Sl. No	Name of the Faculty	Subject code	Name of the Subject	Topic	Details of Web link	
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1	S.Ramachandran	EE8351	Digital Logic Circuits	SOP and POS Form Examples	https://www.youtube.com/watch?v=K2cpJex0o_A&list=PLBlnK6fEyqRjMH3mWf6kwqiTbT798eAOm&index=16	
2				Binary Number System	https://www.youtube.com/watch?v=w7ZLvYAi6pY&list=PLBlnK6fEyqRjMH3mWf6kwqiTbT798eAOm&index=30	
3				K' Map and Implicants	https://www.youtube.com/watch?v=J_t_7np00CE&list=PLBlnK6fEyqRjMH3mWf6kwqiTbT798eAOm&index=84	
4				Truth Table, Characteristic Table and Excitation Table for SR Flip Flop	https://www.youtube.com/watch?v=uiKKRPZbuXA&index=145&list=PLBlnK6fEyqRjMH3mWf6kwqiTbT798eAOm	
5				Introduction to State Table, State Diagram & State Equation	https://www.youtube.com/watch?v=NNOSWnTHakY&index=166&list=PLBlnK6fEyqRjMH3mWf6kwqiTbT798eAOm	https://www.youtube.com/watch?v=O3If0Nr9to0&index=26&list=PL803563859BF7ED8C
6				Programmable Array Logic (PAL)	https://www.youtube.com/watch?v=qlq4NHk5Y_w&list=PLBlnK6fEyqRjMH3mWf6kwqiTbT798eAOm&index=204	https://www.youtube.com/watch?v=KmrRZU3Wqp0&list=PL803563859BF7ED8C&index=31

Sl. No.	Name of the Faculty	Subject code	Name of the Subject	Topic	Details of Web link	
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1	S.Preetha	EE8391	Electromagnetic Theory	Capacitors and Capacitance_ Capacitor physics and circuit operation	https://www.youtube.com/watch?v=f_MZNsEqQw	https://www.youtube.com/watch?v=7W3o-LNt9Vc
2				coulomb's law in animation slide presentation	https://www.youtube.com/watch?v=S83JPXMgbns	https://www.youtube.com/watch?v=0A45kt2U3U8
3				Electric Potential_ Visualizing Voltage with 3D animations	https://www.youtube.com/watch?v=-Rb9guSEeVE	https://www.youtube.com/watch?v=QpVxj3XrLgk
4				Electromagnetism - Maxwell's Laws	https://www.youtube.com/watch?v=9Tm2c6NJH4Y	-
5				Polarization of light	https://www.youtube.com/watch?v=6_C8KyU67RU	-

Sl. No.	Name of the Faculty	Subject code	Name of the Subject	Topic	Details of Web link	
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1	M.Ramachandran	EE8301	Electrical Machines - I	DC Motor	https://www.youtube.com/watch?v=LAtPHANefQo	
				Lenz's Law _ Magnetic forces, magnetic fields, and Faraday's law	https://www.youtube.com/watch?v=xxZenoBs2Pg	
				Doubly excited system	https://www.youtube.com/watch?v=MbRBA1_RKMc	
				Transformer Working principle	https://www.youtube.com/watch?v=w990FVhXCLY	
				Per-Unit Quantities - Transformers	https://www.youtube.com/watch?v=gLdUUtknhCk	
				Swinburne's test for dc shunt motor	https://www.youtube.com/watch?v=9XIsfe4g26M	

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1	S.Muthu Kumar	ME 8792	POWER PLANT ENGINEE RING	Super Critical Boilers	https://www.youtube.com/watch?v=4TGSTNKfy8k	https://nptel.ac.in/courses/112107216/11
				FBC Boilers	https://www.youtube.com/watch?v=T6IcdLfv3G4	https://nptel.ac.in/courses/102104057/38
				Combined Cycle Power Plants	https://www.youtube.com/watch?v=KVjtFXWe9Eo	https://nptel.ac.in/courses/112105221/25
				Integrated Gasifier based Combined Cycle systems	https://www.youtube.com/watch?v=V3jfECTjMS8	
				Working of Nuclear Reactors	https://www.youtube.com/watch?v=1U6Nzcv9Vws	https://nptel.ac.in/courses/115106087/
				CANADA Deuterium- Uranium reactor (CANDU)	https://www.youtube.com/watch?v=M-o3rhxmIvs	
				Construction and working of Wind Power Plant	https://www.youtube.com/watch?v=45Xh7FKS9nM	https://nptel.ac.in/courses/108105058/24
				Principle, Construction and working of fuel cell Power Plant	https://www.youtube.com/watch?v=imV_uflzxPY	https://nptel.ac.in/courses/112105221/41
				Pollution control technologies including Waste Disposal Options for Coal	https://slideplayer.com/slide/1499695/	