

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 : IV 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	S.Preetha	EE6701	High Voltage Engineering	Van de graff generator	https://www.youtube.com/watch?v=rpyHFMwaNDM	
2				Marx Generator	https://www.youtube.com/watch?v=aL4F_JtJWGk	
3				Cockraft Walton generator	https://www.youtube.com/watch?v=ep3D_LC2UzU	
4				Circuit Breaker	https://www.youtube.com/watch?v=GSh0f94JwaA	
5				Transformer testing	https://www.youtube.com/watch?v=AKzIHU7L6g	

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	K.Guruvaran	EE6007	Micro Electro Mechanical Systems	Introduction to MEMS	https://youtu.be/CNmK-SeM0ZI	https://www.youtube.com/watch?v=j9y0gfN9WMg
2				Sensors and Actuators	https://youtu.be/Vld-5Z1YGVM	https://www.youtube.com/watch?v=JW7zZyFVpGM&list=PL779559648A448CD2&index=4
3				MEMS Pressure Sensor	https://youtu.be/juf4d3sgOJw	https://www.youtube.com/watch?v=IAHkOVEHNKA&index=11&list=PL779559648A448CD2
4				LIGA Micro Machining	https://youtu.be/CbN7h3o51Zo	
5				Plasma etching	https://youtu.be/2cWZmq_URWc	https://www.youtube.com/watch?v=Notzw-z0bhA&index=20&list=PL779559648A448CD2

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	R.Arunkumar	MG6851	Principles of Management	Fayol's Principles of Management	https://www.youtube.com/watch?v=DsYcnapehvA	
2				Types of Plans	https://www.youtube.com/watch?v=QzmyvAdweHk	
3				Learn Principles of the Scientific Management	https://www.youtube.com/watch?v=dLUb62LLX9o	
4				Scientific Management Theory	https://www.youtube.com/watch?v=fK4tyKvrj04	
5				Controlling and its Importance in Management	https://www.youtube.com/watch?v=J_TqI2PqF8g	

6				Directing	https://www.youtube.com/watch?v=tjy0B-Q9WMU	

Sl. No.	Name of the Faculty	Subject code	Name of the Subject	Topic	Details of Web link	
					Web link for Animated Videos	Web link for NPTEL Videos
1	Dr.K.Umamaheshwari	EE6005	Power Quality	Introduction to voltage sags and dips	https://www.youtube.com/watch?v=trH4UPpnr-k	
				transformer protection	https://www.youtube.com/watch?v=duyC2OFie5E	
				Power Quality issues Sag, Swell, over and under voltage and interruption	https://www.youtube.com/watch?v=x307dmjCvF4	
				Static Transfer Switch	https://www.youtube.com/watch?v=EzJNjpFFk_w	
				What is Power Quality	https://www.youtube.com/watch?v=YutEq6IFck	

Sl. No.	Name of the Faculty	Subject code	Name of the Subject	Topic	Details of Web link	
					Web link for Animated Videos	Web link for NPTEL Videos
1	R.Sivakumar	EE6702	Protection and Switchgear	Types of Faults	https://www.youtube.com/watch?v=NKOFu7N7c4Q	
				Over current relay	https://www.youtube.com/watch?v=khgdMHt9X8A	
				Current Transformers and Potential Transformers	https://www.youtube.com/watch?v=YSMGYf4hozo	
				Static Relays	https://www.youtube.com/watch?v=S2WPQOquwW8	
				Circuit Breakers	https://www.youtube.com/watch?v=uUnHSHdTSbw	

Sl. No.	Name of the Faculty	Subject code	Name of the Subject	Topic	Details of Web link	
					Web link for Animated Videos	Web link for NPTEL Videos
1	S.Muthukumar	EE6703	Special Electrical Machines	Synchronous Reluctance Motors	https://www.youtube.com/watch?v=qDon7Nrj1Tk	
				Stepper Motor	https://www.youtube.com/watch?v=eyqwLiowZiU	
				Switched Reluctance Motors (SRM)	https://www.youtube.com/watch?v=dAW8e3N9xDE	
				Permanent Magnet Brushless D.C. Motors	https://www.youtube.com/watch?v=Q_nDnqH0ReE	
				Permanent Magnet Synchronous Motors (PMSM)	https://www.youtube.com/watch?v=Vk2jDXxZlhs&list=PLMHo_80Gkmb0ZNVz4hVSolj7JrUf56wPN	