

V.S.B. ENGINEERING COLLEGE, KARUR
DEPARTMENT OF MECHANICAL ENGINEERING

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

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	P.A.Nigal Ashik	MG6863	Engineering Economics	Cash flow		https://www.youtube.com/watch?v=cVEshsi78BY
				MACRS method		https://www.youtube.com/watch?v=cVEshsi78BY
				Simple interest, Compound interest		https://www.youtube.com/watch?v=Pr9Rti69QZM
				Equivalence		https://www.youtube.com/watch?v=bgGF4XRfQDk
				Benefit Cost Analysis		https://www.youtube.com/watch?v=TywirlymIDY
				Break Even Analysis		https://www.youtube.com/watch?v=kla5dJVCCDc
2	K.Ramachandhiran	IE6605	Production planning and controls	Requirements Production planning - Functions of Production planning & control		https://www.youtube.com/watch?v=yYIVumq6sVM
				Concepts of Production planning		https://www.youtube.com/watch?v=Nc_1YNXhdso
				Planning & Scheduling		https://www.youtube.com/watch?v=0c_JzWDCF8A
				Production planning process		https://www.youtube.com/watch?v=TIrioDKdsCg
				Gantt chart		https://www.youtube.com/watch?v=TIrioDKdsCg

						h?v=hhOnqPDN3FQ
				Warehouse layout & Material flow planning		https://www.youtube.com/watch?v=IgeImNZiL2g
3	Mr.R.Prem Kumar	ME6016	Advanced I.C Engines	Duke engines		https://www.youtube.com/watch?v=c19kn3drdFU
				Advanced internal combustion technology		https://www.youtube.com/watch?v=zhhurGxjY-c
				Multi application, Range extender, UAV engines		https://www.youtube.com/watch?v=njb5DqsC9L0
				Rotary engine		https://www.youtube.com/watch?v=6BCgl2uumII
4.	Mr. N.Yogaraj	ME 6601	Design of Transmission Systems	Flat Belt drives	https://www.youtube.com/watch?v=AILsfkpbmYQ	https://www.youtube.com/watch?v=nMsB6Soz4Hc
				Helical gear		https://www.youtube.com/watch?v=u7mb6qVJH9g
				Worm gear	https://www.youtube.com/watch?v=Rb37-daSLQ4&list=PLhoXNQqrCmEfAaTf0AfQ1Ztxmz2DoZiCk	https://www.youtube.com/watch?v=IPzKMYO12_Y
				Gear Box design		https://www.youtube.com/watch?v=QPauJfA1KsY
				Cam & Follower		https://www.youtube.com/watch?v=55tKVBVQDUY
5	R.Premkumar	ME6602	Automobile Engineering	Vehicle structure and Engines		https://www.youtube.com/watch?v=LZ82iANWBL0&list=PLbMVogVj5nJTW50jj9_gvJmdwFWHaqR5J
				Engine auxiliary System		https://www.youtube.com/watch?v=qxNTQozl5fE&spfreload=10
				Transmission Systems		https://www.youtube.com/watch?v=13LNsAezWC8

				Steering, Brakes and Suspension System		https://www.youtube.com/watch?v=dtjb-djWnfg
				Alternative Energy Sources		https://www.youtube.com/watch?v=UW4HYJ36q0Y
6	K.Arunraj	ME 6603	Finite Element Analysis	Shape Function		https://www.youtube.com/watch?v=pua6HWaz73g
				Longitudinal Vibration		https://www.youtube.com/watch?v=xq3tKcZcmAw
				Finite element formation for triangular element		https://www.youtube.com/watch?v=wA2tyF86MA8
				Plane stress plane strain and ax-symmetric formation		https://www.youtube.com/watch?v=rYLFpASdko4
				Numerical integration and application to plane stress condition		https://www.youtube.com/watch?v=xdxVpC856ms
7	A.Uthaya kumar	ME6604	Gas Dynamics and Jet Propulsion	Basic concepts and isentropic flows		https://www.youtube.com/watch?v=2INUkeutjBY&list=PLbMVogVj5nJR0Vt9CLGK7ck2yrS1zQjMo
				Flow through Ducts		https://www.youtube.com/watch?v=-q5D18DcCjY&list=PLbMVogVj5nJR0Vt9CLGK7ck2yrS1zQjMo&index=8
				Normal and oblique shocks		https://www.youtube.com/watch?v=cq6NoRjzJvk&list=PLbMVogVj5nJR0Vt9CLGK7ck2yrS1zQjMo&index=20
				Jet propulsion		https://www.youtube.com/watch

						h?v=2JQ-PAJGLrM&list=PLbMVogVj5nJR0Vt9CLGK7ck2yrS1zQjMo&index=38
				Space propulsion		https://www.youtube.com/watch?v=hH8VR3mwXio
8	S.Vinoth kumar	ME6004	Unconventional Machining Processes	Abrasive water jet machining working animation	https://www.youtube.com/watch?v=7YoB_dY9NVg	
				Electric discharge machining working animation		https://www.youtube.com/watch?v=aWQsEX1TrSI
				Electrochemical machining working animation		https://www.youtube.com/watch?v=Uybg6VDLoRQ
				Laser Beam machining and drilling working animation		https://www.youtube.com/watch?v=s-RU2aWwUWs
				Beam control techniques in EBM process		https://www.youtube.com/watch?v=pkikv0RHWTA
9	V.Ragavan	MG6851	Principles of Management	Overview of management		https://www.youtube.com/watch?v=TsZukmeaewc&list=PLF1DBCAC25C2BC963
				Planning		https://www.youtube.com/watch?v=zv2jKnaY2YU&index=19&list=PLF1DBCAC25C2BC963
				Organizing		https://www.youtube.com/watch?v=6_3VHAAJddY&list=PLF1DBCAC25C2BC963&index=30
				Directing		https://www.youtube.com/watch?v=trIUu-

						2LfYQ&index=37&list=PLF1DBCAC25C2BC963
				Controlling		https://www.youtube.com/watch?v=PHDHITqX5Bg&list=PLF1DBCAC25C2BC963&index=10