

HT Lab

5th	1	To determine the thermal conductivity of a metal rod.	https://vlab.amrita.edu/?sub=1&brch=194&sim=801&cnt=2
	2	To determine the thermal conductivity of an insulating powder	https://www.youtube.com/watch?v=0xtcHlOwT88
	3	To determine the thermal resistance of a composite wall.	https://www.youtube.com/watch?v=HbzUeBCmjNQ
	4	To plot the temperature distribution of a pin fin in free-convection.	https://www.youtube.com/watch?v=Cw4TEbZ_LfU
	5	To plot the temperature distribution of a pin fin in forced-convection	https://www.youtube.com/watch?v=WS3LeSImeBQ
	6	To study the forced convection heat transfer from a cylindrical surface.	https://www.youtube.com/watch?v=B-rFlDOI-No
	7	To determine the effectiveness of a concentric tube heat exchanger in a parallel flow arrangement	https://www.youtube.com/watch?v=w9A_0lIJrdg
	8	To determine the Stefan-Boltzman constant.	https://www.youtube.com/watch?v=ZwnqpQtYFX4
	9	To determine the emissivity of a given plate.	https://www.youtube.com/watch?v=meXVrofE70k