

Videos on Engineering Thermodynamics

Academic Year 2020 – 2021

S.No	Topics	You Tube Links
1.	Basic Concepts Part 1	https://youtu.be/Gypgl4ZqYnU
2.	Basic Concepts Part 2`	https://youtu.be/ONir1iISmg0
3.	Temperature Scales	https://youtu.be/t0vNMb5p_GQ
4.	Work Transfer	https://youtu.be/Fd2wC3LIItM https://youtu.be/qmV_XeN7zSk https://youtu.be/Dt6iKukRIYQ
5.	Problems in Work Transfer	https://youtu.be/Oh7Klg2FDL0
6.	Pure Substances	https://youtu.be/7cv0Th7StCE
7.	Problems in Pure Substances	https://youtu.be/SCAtPWPCcz0
8.	Equation of state	https://youtu.be/1AlbYbYMyH8
9.	First law applied to Closed systems Part 1	https://youtu.be/zx8Y2cn3phc
10	First law applied to closed systems Part 2	https://youtu.be/L375RdNbiu4
11	First law applied to Open systems Part 1	https://youtu.be/0-IJSfibkkY
12	Problems in First law applied to closed systems Part 1	https://youtu.be/xbvJoCLRgbk
13	Problems in First law applied to closed systems Part 2	https://youtu.be/kiPsMC34YK8
14	Problems in First law applied to closed systems Part 3	https://youtu.be/4tlQD2agNjs
15	Second law of Thermodynamics Part 1	https://youtu.be/i-t93BYefTw
16	Second law of Thermodynamics Part 2	https://youtu.be/50q9JDgpP9Y
17	Second law of Thermodynamics Part 3	https://youtu.be/CbvX9VLsV90
18	Entropy Part 1	https://youtu.be/jNWkwnvy-Jo
19	Entropy Part 2	https://youtu.be/ZYNUDEkNcQE
20	Entropy Part 3	https://youtu.be/WLICRODkiul
21	Problems in Entropy	https://youtu.be/jiwZRgz1xUQ
22	Ideal Gas Mixtures Part 1	https://youtu.be/zHkzpMGCYro
23	Ideal Gas Mixtures Part 2	https://youtu.be/kuBXgOgn_zo
24	Problems in Ideal Gas Mixtures	https://youtu.be/tB1FfBD96B0
25	Maxwells Relations	https://youtu.be/haZiMnWPRiM
26	Thermodynamic Relations	https://youtu.be/C40aJfDAejM
27	Exergy Part 1	https://youtu.be/TUKAinLM5VI
28	Exergy Part 2	https://youtu.be/YPYumoQGIVM