

## MECHANICAL ENGINEERING DEPARTMENT

### B.E. 7<sup>th</sup> SEMESTER

### SUBJECT: POWER PLANT ENGINEERING

### SUBJECT CODE: 2171910

Sr. NO	Chapter/Topic	Video Link	Source By
1	Thermal Power Plant	<a href="https://www.youtube.com/watch?v=EahFPHMukxM">https://www.youtube.com/watch?v=EahFPHMukxM</a>	NPTEL
2	Thermal Power Plant	<a href="https://www.youtube.com/watch?v=uVPp8wml9iU">https://www.youtube.com/watch?v=uVPp8wml9iU</a>	NPTEL
3	Thermal Power Plant	<a href="https://www.youtube.com/watch?v=kMY0zG0sFps">https://www.youtube.com/watch?v=kMY0zG0sFps</a>	NPTEL
4	Thermal Power Plant	<a href="https://www.youtube.com/watch?v=K_w92uAmIpg">https://www.youtube.com/watch?v=K_w92uAmIpg</a>	NPTEL
5	Coal and Ash Handling Systems	<a href="https://www.youtube.com/watch?v=SGAWUumUe2k">https://www.youtube.com/watch?v=SGAWUumUe2k</a>	4b engineers
6	Coal and Ash Handling Systems	<a href="https://www.youtube.com/watch?v=hcSUuhLt8s">https://www.youtube.com/watch?v=hcSUuhLt8s</a>	IIT ROORKEE
7	Coal and Ash Handling Systems	<a href="https://www.youtube.com/watch?v=nJYP40g_EH0">https://www.youtube.com/watch?v=nJYP40g_EH0</a>	IIT ROORKEE
8	Coal and Ash Handling Systems	<a href="https://www.youtube.com/watch?v=RVycc9jICrg">https://www.youtube.com/watch?v=RVycc9jICrg</a>	Knowledge Boosting
9	Draught System	<a href="https://www.youtube.com/watch?v=JBVLQ1kRYIQ">https://www.youtube.com/watch?v=JBVLQ1kRYIQ</a>	NPTEL
10	Draught System	<a href="https://www.youtube.com/watch?v=JM90aCj8ryE">https://www.youtube.com/watch?v=JM90aCj8ryE</a>	NPTEL
11	Draught System	<a href="https://www.youtube.com/watch?v=ASJFF78DSM8">https://www.youtube.com/watch?v=ASJFF78DSM8</a>	Gautam's Academy GATE
12	Steam Nozzles	<a href="https://www.youtube.com/watch?v=AXcb3TBLETY">https://www.youtube.com/watch?v=AXcb3TBLETY</a>	NPTEL
13	Steam Nozzles	<a href="https://www.youtube.com/watch?v=5Ev_hHNHTcs">https://www.youtube.com/watch?v=5Ev_hHNHTcs</a>	NPTEL
14	Steam turbine	<a href="https://www.youtube.com/watch?v=6ThiShJ7LXg">https://www.youtube.com/watch?v=6ThiShJ7LXg</a>	NPTEL
15	Steam turbine	<a href="https://www.youtube.com/watch?v=qRTT_Hr_520">https://www.youtube.com/watch?v=qRTT_Hr_520</a>	NPTEL
16	Steam turbine	<a href="https://www.youtube.com/watch?v=aNIEgK5Uy_c">https://www.youtube.com/watch?v=aNIEgK5Uy_c</a>	NPTEL

17	Steam turbine	<a href="https://www.youtube.com/watch?v=DFDyzREVK-Y">https://www.youtube.com/watch?v=DFDyzREVK-Y</a>	NPTEL
18	Steam turbine	<a href="https://www.youtube.com/watch?v=MQWHr3Of4VM">https://www.youtube.com/watch?v=MQWHr3Of4VM</a>	NPTEL
19	Steam turbine	<a href="https://www.youtube.com/watch?v=HpoiOJ1Ahc">https://www.youtube.com/watch?v=HpoiOJ1Ahc</a>	NPTEL
20	Condensers and Cooling Towers	<a href="https://www.youtube.com/watch?v=vHyJnWvwKwQ">https://www.youtube.com/watch?v=vHyJnWvwKwQ</a>	NPTEL
21	Condensers and Cooling Towers	<a href="https://www.youtube.com/watch?v=UPsH2fF7Igs">https://www.youtube.com/watch?v=UPsH2fF7Igs</a>	NPTEL
22	Condensers and Cooling Towers	<a href="https://www.youtube.com/watch?v=iEanxv1O3g">https://www.youtube.com/watch?v=iEanxv1O3g</a>	VIDHYA MITRA.
23	Condensers and Cooling Towers	<a href="https://www.youtube.com/watch?v=DuLFDzQVTU4">https://www.youtube.com/watch?v=DuLFDzQVTU4</a>	NPTEL
24	Condensers and Cooling Towers	<a href="https://www.youtube.com/watch?v=HAP0zfPIfHI">https://www.youtube.com/watch?v=HAP0zfPIfHI</a>	Professional Learning Community
25	Condensers and Cooling Towers	<a href="https://www.youtube.com/watch?v=HzjfV5GtYD0">https://www.youtube.com/watch?v=HzjfV5GtYD0</a>	IES & GATE Point
26	Feed Water Treatment	<a href="https://www.youtube.com/watch?v=gNwvVDIZ6YQ&amp;t=153s">https://www.youtube.com/watch?v=gNwvVDIZ6YQ&amp;t=153s</a>	IIT ROORKEE
27	Feed Water Treatment	<a href="https://www.youtube.com/watch?v=SvClfcovf9k">https://www.youtube.com/watch?v=SvClfcovf9k</a>	Kutty School
28	Feed Water Treatment	<a href="https://www.youtube.com/watch?v=is5wdVgPOkI">https://www.youtube.com/watch?v=is5wdVgPOkI</a>	Magic Marks
29	Gas turbine	<a href="https://www.youtube.com/watch?v=7WFBBE2sKHE">https://www.youtube.com/watch?v=7WFBBE2sKHE</a>	NPTEL
30	Gas turbine	<a href="https://www.youtube.com/watch?v=7nCyngwmWMk">https://www.youtube.com/watch?v=7nCyngwmWMk</a>	NPTEL
31	Gas turbine	<a href="https://www.youtube.com/watch?v=sR804kRNdTww">https://www.youtube.com/watch?v=sR804kRNdTww</a>	NPTEL
32	Gas turbine	<a href="https://www.youtube.com/watch?v=sR804kRNdTww&amp;list=RDCMUCx1eYCS080c5r4Z4nghCwzQ&amp;start_radio=1&amp;t=66">https://www.youtube.com/watch?v=sR804kRNdTww&amp;list=RDCMUCx1eYCS080c5r4Z4nghCwzQ&amp;start_radio=1&amp;t=66</a>	NPTEL
33	Nuclear Power Plan	<a href="https://www.youtube.com/watch?v=oPZrUW9GQRg&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf">https://www.youtube.com/watch?v=oPZrUW9GQRg&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf</a>	IITG
34	Nuclear Power Plan	<a href="https://www.youtube.com/watch?v=u5xock88Rhs&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf&amp;index=2">https://www.youtube.com/watch?v=u5xock88Rhs&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf&amp;index=2</a>	IITG
34	Nuclear Power Plan	<a href="https://www.youtube.com/watch?v=FFAKGyBNc04&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf&amp;index=3">https://www.youtube.com/watch?v=FFAKGyBNc04&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf&amp;index=3</a>	IITG
35	Nuclear Power Plan	<a href="https://www.youtube.com/watch?v=14GwG_3mMQ&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf&amp;index=4">https://www.youtube.com/watch?v=14GwG_3mMQ&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf&amp;index=4</a>	IITG
36	Nuclear Power Plan	<a href="https://www.youtube.com/watch?v=tzB7E87aFlc&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf&amp;index=6">https://www.youtube.com/watch?v=tzB7E87aFlc&amp;list=PLSGws_74K01-ZTnC-LoJ0brEZy_a6DBMf&amp;index=6</a>	IITG

37	Nuclear Power Plan	<a href="https://www.youtube.com/watch?v=LyzQJpgVMTU">https://www.youtube.com/watch?v=LyzQJpgVMTU</a>	IIT ROORKEE
38	Nuclear Power Plan	<a href="https://www.youtube.com/watch?v=81pZoKZ_iMw&amp;list=PLbMVogVj5nJS7srFCd_hJwdgHRd27YMgF&amp;index=3">https://www.youtube.com/watch?v=81pZoKZ_iMw&amp;list=PLbMVogVj5nJS7srFCd_hJwdgHRd27YMgF&amp;index=3</a>	NPTEL
39	Nuclear Power Plan	<a href="https://www.youtube.com/watch?v=pGu3HxJQF7I&amp;list=PLbMVogVj5nJS7srFCd_hJwdgHRd27YMgF&amp;index=4">https://www.youtube.com/watch?v=pGu3HxJQF7I&amp;list=PLbMVogVj5nJS7srFCd_hJwdgHRd27YMgF&amp;index=4</a>	NPTEL
40	Economics of Power Generation	<a href="https://www.youtube.com/watch?v=_HxM6DAYQ4U">https://www.youtube.com/watch?v=_HxM6DAYQ4U</a>	IIT ROORKEE
41	Economics of Power Generation	<a href="https://www.youtube.com/watch?v=w0VvAQJz6UI">https://www.youtube.com/watch?v=w0VvAQJz6UI</a>	IIT ROORKEE