

Video Links

Subject: Power System II

Teacher: Dr. Uttam S Satpute

UNIT 5 : Load Flow Analysis		
Video No.	Topic	Video Link
1.	What is load flow analysis	https://youtu.be/w_f3-fFhFy4
2.	Load flow variables and constraints	https://youtu.be/HHu8EULoEIg
3.	Types of buses	https://youtu.be/OAVc1GpXrg
4.	Development of power flow equation	https://youtu.be/Cnrt0IBG-vo
5.	Development of equation for Load flow using Gauss Seidel	https://youtu.be/8OkllsYZw2c
6.	Load flow by gauss Seidel explained with example	https://youtu.be/Duj-5RdWHNg
7.	Load flow by gauss Seidel explained with example	https://youtu.be/OzGVQUkM6Ts
8.	Flow chart explanation of load flow using Gauss Seidel	https://youtu.be/dSLwys6TLkE
9.	Development of equation for Load flow using Newton Raphson	https://youtu.be/zuLZYMVhw-I
10.	Flow chart explanation of load flow using Newton Raphson	https://youtu.be/y6zfCTbsmfA
11.	Decoupled load flow explanation	https://youtu.be/A3TR87C_kkQ
12.	Fast Decoupled load flow explanation	https://youtu.be/NiMfZxOWfZQ
13.	Comparison of load flow methods	https://youtu.be/vrEFwkSTCSI

UNIT 6 : Power Factor improvement and substation grounding		
Video No.	Topic	Video Link
1.	What is power factor and causes of low power factor	https://youtu.be/RXTaEUSPbTQ
2.	Disadvantages of low power factor	https://youtu.be/VYnbDLXR_v8
3.	Power factor improvement methods	https://youtu.be/zFBvlvhp-Q
4.	Substation grounding, reasons of shock and need of substation grounding	https://youtu.be/is1mAbugpik

