

19 th April-24th April
8th Semester EEE 17EE

Module	Topics	PPT	Video Links	E-Materials	Date
Module 1	operating states of Power system	https://drive.google.com/file/d/1AZaYyEBab4AbYyPO1wSwrHVTv0ZcWfdj/view?usp=sharing	https://www.youtube.com/watch?v=zKN130mgGOs&list=PL4BFB13CCDB954BCF	https://drive.google.com/file/d/1yY7sEWOrt4t1kSmcHmvxDyqa_DYz9ofm/view?usp=sharing	23/4/21
	Objectives of control	https://drive.google.com/file/d/1AZaYyEBab4AbYyPO1wSwrHVTv0ZcWfdj/view?usp=sharing	https://www.youtube.com/watch?v=zKN130mgGOs&list=PL4BFB13CCDB954BCF	https://www.eeeguide.com/power-system/	23/4/21
	SCADA: Users of SCADA	https://drive.google.com/file/d/1AZaYyEBab4AbYyPO1wSwrHVTv0ZcWfdj/view?usp=sharing	https://www.youtube.com/watch?v=zKN130mgGOs&list=PL4BFB13CCDB954BCF	https://www.slideshare.net/search/slideshow?searchfrom=header&q=power+system+operation+and+control	23/4/21
	Remote terminal unit of scada	https://drive.google.com/file/d/1AZaYyEBab4AbYyPO1wSwrHVTv0ZcWfdj/view?usp=sharing	https://www.youtube.com/watch?v=zKN130mgGOs&list=PL4BFB13CCDB954BCF		
	challenges for implementation of scada	https://drive.google.com/file/d/1AZaYyEBab4AbYyPO1wSwrHVTv0ZcWfdj/view?usp=sharing	https://www.youtube.com/watch?v=zKN130mgGOs&list=PL4BFB13CCDB954BCF		
	Introduction unit commitment	https://drive.google.com/file/d/1AZaYyEBab4AbYyPO1wSwrHVTv0ZcWfdj/view?usp=sharing	https://www.youtube.com/watch?v=zKN130mgGOs&list=PL4BFB13CCDB954BCF		
	simple enumeration method	https://drive.google.com/file/d/1AZaYyEBab4AbYyPO1wSwrHVTv0ZcWfdj/view?usp=sharing	https://www.youtube.com/watch?v=zKN130mgGOs&list=PL4BFB13CCDB954BCF		
	priority list method dynamic programming method		https://www.youtube.com/watch?v=zKN130mgGOs&list=PL4BFB13CCDB954BCF&index=1		

8th Semester EEE 17EE82-INDUSTRIAL DRIVES & APPLICATIONS

Module	Topics	PPT	Video Links	E-Materials	Date
Module 1	Introduction to Electric Drives	https://www.slideshare.net/traj_e2004/electric-drives-12984089	https://nptel.ac.in/courses/108/104/108104140/	https://www.eeeguide.com/electric-drive-motor/	23/04/2021
	Four Quadrant operation and Speed-Torque conventions	https://slideplayer.com/slide/5269881/	https://nptel.ac.in/courses/108/104/108104140/	https://circuitglobe.com/four-quadrant-operation-of-dc-motor.html#:~:text=Four%20Quadrant%20Operation%20of%20any,Reverse%20motoring%20and%20Reverse%20braking.	30/04/2021
	Equivalent drive parameters Friction component Nature of load torques	https://slideplayer.com/slide/7826560/	https://nptel.ac.in/courses/108/104/108104140/	http://www.darshan.ac.in/Upload/DIET/Documents/EE/CED_Ch_2_Dynamics_of_Electrical_Drives_v1_03042018_095922AM.pdf	07/05/2021
	Steady State Stability Load Equilization	https://www.slideshare.net/fellowbuddy/electrical-drive-traction-their-control	https://nptel.ac.in/courses/108/104/108104140/	https://www.eeeguide.com/steady-state-stability-of-drive/	14/05/2021

8th Semester EEE 17EE832 Opration and Maintenance of Solar Electric System

Module	Topics	PPT	Video Links	E-Materials	Date
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Module 1	Solar Resource and Solar Resource and Radiation	https://www.energy.gov/eere/solar/solar-radiation-basics	https://www.energy.gov/eere/solar/solar-photovoltaic-technology-basics	https://drive.google.com/file/d/1RYoHJ8vZ5eAmgP9wNN8SHOOmComhPPoK/view	19/4/21
	PV Industry and Technology	https://www.energy.gov/eere/solar/solar-radiation-basics	https://www.energy.gov/eere/solar/solar-photovoltaic-technology-basics	https://drive.google.com/file/d/1RYoHJ8vZ5eAmgP9wNN8SHOOmComhPPoK/view	21/4/21
	PV Cells, Modules and Arrays	https://www.energy.gov/eere/solar/solar-radiation-basics	https://www.energy.gov/eere/solar/solar-photovoltaic-technology-basics	https://drive.google.com/file/d/1RYoHJ8vZ5eAmgP9wNN8SHOOmComhPPoK/view	22/4/21
	PV Cells, Modules and Arrays	https://www.energy.gov/eere/solar/solar-radiation-basics	https://www.energy.gov/eere/solar/solar-photovoltaic-technology-basics	https://drive.google.com/file/d/1RYoHJ8vZ5eAmgP9wNN8SHOOmComhPPoK/view	23/4/21