

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA.

DEPARTMENT OF ELECTRICAL ENGINEERING

BRANCH EE (D2EE)

Sr.NO.	Subject Name	Syllabus
1.	ASM	Chapter 1, upto starting Torque.
2.	EMFT	Chapter 1, 2
3.	CS	Chapter 1, 2.
4.	PS-I	Chapter-1, Chapter-2 (upto insulators)
5.	Digital Electronics	Chapter-1, 2
6.	OOPS	Basic concepts, comparison, benefits, Applications of OOP. C++ Fundamentals upto Control Structures.

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BRANCH EE (D3EE)

Sr.NO.	Subject Name	Syllabus
1.	PS-II	Substation, Fuses, Arced Breakers faults on Xmas Generators, Differential Protection D3 A & B - EW.
2.	EDU	Electric Drives ch. 1 + Illumination ch. 4
3.	Open Elective	
4.	EGE	chapters 1, 2, 3
5.	M&PLC	<u>Unit-I</u> & <u>Unit-VII</u>
6.	<del>PSOC/CAEMD</del>	<del>Unit-1 Ch. of Power gen. units Unit-2 Economic Dispatch of Thermal Units</del>
	CAEMD	Unit - I, Unit - II

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BRANCH EE (D4EE)

Sr.NO.	Subject Name	Syllabus
1.	DCS	Syllabus contents from CH-I Covered in the class
2.	EEM/FACTS	EEM CH-1 Energy Management and Audit CH-2 Energy Efficient Technologies in Electrical Systems FACTS UNIT-I, II
3.	HVE	Conduction & Breakdown in gases.
4.	PSPIIn/SER	PSP:- Chapter 1 & Chapter 2 upto LOLP Chapter-1 & Chapter 2 of Syllabus [SER]
5.	CAPSA	Chapter-1 System Modelling

BRANCH EE M-1 (PW)

Sr.NO.	Subject Name	Syllabus
1.	OT	CHAPTER 1 CHAPTER 2
2.	PSP	<del>Chapter 1</del> <del>&amp; Chapter 2 upto LTOP.</del> Chapter 1, Chapter 4
3.	Open Elective	Chapter 1, Chapter 2 upto solar radiation measurement.
4.	EHVAC	Syllabus Covered in class
5.	HVDC	Concepts of HVDC Transmission Chapter 1.