Unit-1- 16ME401 Finite Element Analysis-INTRODUCTION





ME402 Finite Element Analysis – INTRODUCTION - Historical Background

Present

Status of FEM as on Today

Theoretical	Software	Practical Applications
Till 1994: In India FEM was offered as post graduate course only at few universities	Three steps for using any FEA software	CAE groups get following types of job orders
	1. Preprocessing	1. New Design
1995 and onwards: Introduced at	- Salid modeling	
graduate level.	- Meshing	2. Cost cutting /
	- Boundary conditions	Optimization
Theory courses mainly deals with		
1. Various methods to derive [K]	2. Processing or Solution	3. Failure Analysis
2. Assembly of (K)		
3. Solution Techniques	3. Postprocessing	
	- Result interpretation	

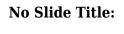
Programming languages used for most commercial softwares are Fortran and C++.

Dr.M.SUBRAMANIAN

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Enjoying the Song of Term: An Emotional Symphony within No Slide Title

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web the direct drive desulfators charge a capacitor bank to a known voltage and dump that energy into the battery as current with a large capacitor bank the dump can be very high energy this allows for battery recovery to be much faster compared to flyback designs the overall design of this circuit is fairly basic on the conceptual level <a href="https://battery.negenerator.org/battery.n

web a battery regenerator is a device that restores capacity to lead acid batteries extending their effective lifespan they are also known as desulphators reconditioners or pulse conditioning devices

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