Department of Electrical Engineering
National Institute of Technology Calicut
Kozhikode, Kerala -673 601

COURSE PLAN & EVALUATION POLICY
COURSE: EE6302E Dynamics of Electrical Machines (DEM)

Name of faculty	Dr. Gopakumar P, Asst. Professor (gopakumarp@nitc.ac.in)
Core/Elective	Core
Hr/Cr	3/3
Slots	H
Number of Students	M.Tech: 26
Course Outcomes	Upon completing the course, students are expected to gain proficiency to 1. Formulate electrodynamic equations for the electrical machines 2. Analyse the performance of the electrical machines using the electrodynamic equations 3. Develop power invariant transformations for the dynamic analysis of electrical machines. 4. Carry out stability analysis of the electrical machines under small signal and transient conditions.
Tentative Topics for Tests	Midterm: Module 1 and half of module 2 End Sem: All four Modules with relatively higher weightage to Module 4
Evaluation Policy	Midterm Exam: 30 Assignments: 20 End Sem Exam: 50 Total: 100
Grading Policy	Relative

CO-PO Mapping:

CO-PO Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	H	H	H	M	L							
CO2	H	H	H	M	L							
CO3	H	H	H	M	L							
CO4	H	H	H	M	L							

Dr. Gopakumar P