

Annexure A

Day	Topic
Day 1	Introduction to scilab
day 2	Installation of scilab software
Day 3	Benefits and applications of scilab
Day 4	Basics of programming
Day 5	Scilab windows introduction
Day 6	Matrix operation
Day 7	Statistics
Day 8	Mesh analysis
Day 9	Plotting 2D graph
Day 10	Plotting 3D graph
Day 11	Problem solving/practice sessions
Day 12	Looping
Day 13	Branching
Day 14	While loop
Day 15	Basic programs 1
Day 16	Basic programs 2
Day 17	Basic programs 3
Day 18	Problem solving/practice sessions
Day 19	Introduction to xcos-1
Day 20	Introduction to xcos-2
Day 21	Demonstrations available in scilab
Day 22	RL and RLC circuits-1
Day 23	RL and RLC circuits-2
Day 24	Project allotment
Day 25	Solving questions from network analysis-1
Day 26	Solving questions from network analysis-2
Day 27	Verification of various properties using xcos (Thevenin's theorem)
Day 28	Verification of various properties using xcos (Nortons's theorem)
Day 29	Summarization and problem solving
Day 30	Student's project presentations