**Take any two case studies**

* **Any software system**
* **Server**
* **Drone System**
* **Digital Feedwater Control System in Nuclear Power Plant**
* **Traction Power Supply System (TPSS) in railway electrification i.e. railway TPSS**
* **Injection System of nuclear power plant**
* **Shutdown system of nuclear power plant**

**Implement Fault Tee Analysis (FTA), RBD, of Safety critical system using the Sharpe tool. Evaluate these models with respect all metrics present in the Sharpe tool.**

**Implement Markov chain and Petri nets for evaluation of dependability attributes with respect to all metrics present in the Sharpe tool.**

**Compare these 4 models with respect to Reliability, Unreliability, MTTF and Variance. Conclude your findings**

**The report should contain all figures and graphs along with an explanation of each diagram**