

H/W AND SIMULATION WITH Lab-VIEW AND PROTEUS VSM SIMULATOR

1. Electrical parameter based SCADA with HMI.
2. PC based Device control with HMI
3. Speed control of motor with frontend with V/f ratio constant.
4. Sub station monitoring with HMI.
5. Power shading using ATM (Auto/Timed/Manual) operation.
6. Temperature dependent speed regulation of induction motor using Fuzzy Logic.
7. IVRS latch for industrial automation.
8. Industrial parameter based IVR system
9. Graphical view of VIT with voice feedback.
10. RFID based employee data base design and device automation.
11. Home security and maintenance using GSM technology.
12. Implementation of OLTC with transformer parameter monitoring.
13. MEMS based device control mechanism.
14. Prepaid energy meter with SMART card.
15. GSM based electricity billing system.
16. Improving security and automation in MNCs using SMART CARD.
17. Power saving street light controlling (intensity control using PWM) .
18. Power supply failure alarm with QOS of machines for industrial application.
19. Soft start of single phase induction motor with ZVS and speed regulation using PWM.
20. Speed control of DC motor using CHOPPER.
21. Hybrid PLC with RS232 link.
22. Wireless Hybrid PLC using RF.