

B.E. (Instrumentation & Control)
BUILDINGAUTOMATION
(2015 Course) (Elective - III) (Semester - II) (406270A)

1. Explain Access control system with its benefits.
2. Draw and explain the concept of geothermal system with an example.
3. Explain series fan powered VAV system?
4. Explain Battery calculations for FAS system with an example.
5. Explain in details different types of Camera & their use in CCTV based Surveillance system.
6. Explain importance of Security system in BAS?
7. Explain the Enthalpy and Entropy?
8. Explain fire detection system with its components?
9. Explain Dew point and Saturation point in BAS?
10. Differentiate between BACnet and Modbus Protocol?
11. Explain Antipass back and Two men Rule?
12. Differentiate between water tube and fire tube boilers?
13. Explain video Analytics and Camera connectivity.
14. Explain Plate heat exchanger in HVAC?
15. What is Fire? Explain Fire alarm system with its architecture