ISO – 27001

(Anam(17MCS01), Anushika(17MCS03), Areeba(17MCS04), Shikha(17MCS12))

Process Approach for establishing, implementing, operating, monitoring, reviewing, maintaining and improving an organization’s ISMS - Part of the overall management system, based on a business risk approach, to

establish, implement, operate, monitor, review, maintain and improve information security (ISO definition)

The ISO 27001 standard was published in 2005 under the title “Information technology—Security techniques—Information security management systems—Requirements”.

In 42 pages it describes the requirements that an ISMS must fulfill in order to achieve certification.

The focal point of ISO 27001 is the requirement for planning, implementation, operation and continuous monitoring and improving of process-oriented ISMS.

Adequate training should be developed for the implementation in order to push though the stipulated procedures and to establish them, and to generate awareness of their necessity. The compliance with the procedures must be continuously monitored.

The measures should be checked and improved in the course of continuous improvement and security risks should be identified and assessed in order to continuously increase the effectiveness and efficiency of the ISMS.

















