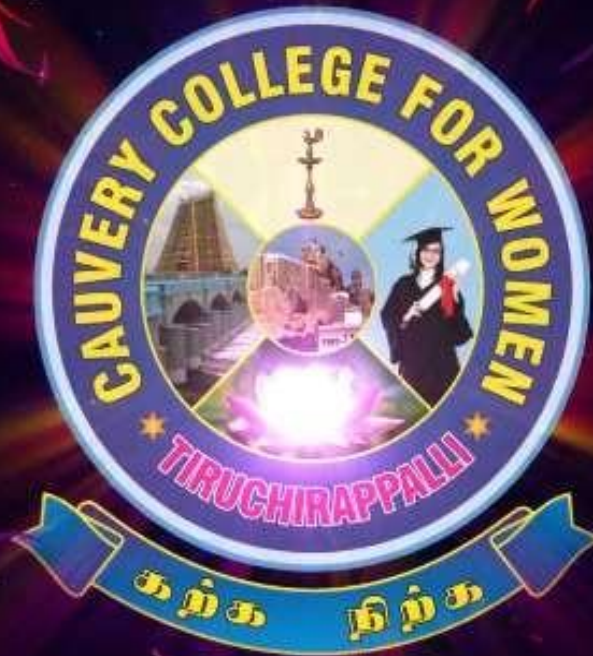



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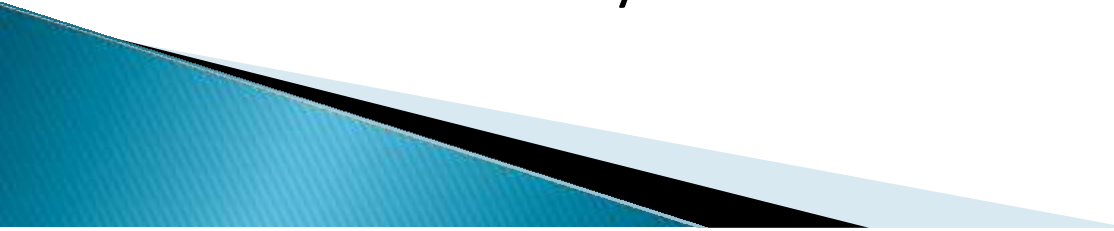
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Designation : Asst Professor
Department : ComputerApplications
Contact Number : 9789168519
Programme :BSC Maths
Batch : 2016-2017 Onwards
Semester : IV
Course :Principles of Information technology
Course Code : 16SACCS2
Unit : V
Topics Covered :INTRANET



INTRANET

- ▶ Internet is a communication network bridges all the small computer networks worldwide
 - ▶ Intranet is the network connecting affiliated set of clients using standard internet protocols
 - ▶ It is called as internal web i.e internal to an organization
 - ▶ **CHARACTERISTICS OF INTRANET**
 - ▶ Intranet inherits all the merits of internet
 - ▶ Openness- open architecture based on internet
 - ▶ Ease of use- world wide web facilitates it
 - ▶ Low cost-Low network cost, licence cost, client program installation expense
 - ▶ Flexibility-all of the solutions available for customizing
 - ▶ Scalability-easy to scale up and down
 - ▶ Innovation-easy to accommodate new technology
- 

INTRANET

▶ **ADVANTAGES OF INTRANET**

- ▶ It cost less to build initial system which leads to maximum efficiency and flexibility
- ▶ Based on internet protocols which expands worldwide accessibility
- ▶ Consistent GUI eliminates tutorial session
- ▶ It handles multimedia data effortlessly
- ▶ Low administration and maintenance costs
- ▶ Platform independent system configuration features

BUSINESS BENEFITS

- ▶ People use this kind of system for internal group or working externally with other groups
- ▶ Makes the job of employees more flexible and mobile
- ▶ Information are readily shared regardless of geography and time zones
- ▶ Staff or employees can share the same data at the same time

INTRANET

DISADVANTAGES OF INTRANET

- ▶ Performance Limitation: some application even though applicable for conventional systems will create a heavy workload when it is migrated to the internet platform
- ▶ To overcome this problem enhanced internet technologies and continuing improvements in hardware.
- ▶ Presentational issues- designing web pages with attractive graphics with accessible information is tedious
- ▶ The “me too” syndrome- the internet world is growing with innovation on an hourly basis

WHY ORGANIZATION NEED INTRANET

- ▶ The employees can access information they need when they need it
- ▶ We can determine who can have access to the data
- ▶ Transactions can be followed electronically

INTRANET

WHY ORGANIZATION NEED INTRANET

- ▶ Transactions can be followed electronically
- ▶ Employees can work remotely
- ▶ Databases can be updated dynamically

INTRANET Vs GROUPWARE

- ▶ GROUPWARE –software that facilitates group work
- ▶ Through this the following collaborative computing can be done:
 - ▶ Document sharing
 - ▶ Collaborative authoring
 - ▶ Versioning
 - ▶ Messaging
 - ▶ Secure access
 - ▶ Search /retrival
 - ▶ Discussion forums
 - ▶ Database integration

EXTRANET

- ▶ EXTRANET
 - ▶ An extranet is a business intranet that allows limited controlled secure access between company's intranet from remote location
 - ▶ Allowing clients to review their account records
 - ▶ Students to update address information real time
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