



**Need and Importance of Networking  
in Engineering College Libraries of  
Gujarat : A Plan**

**by**

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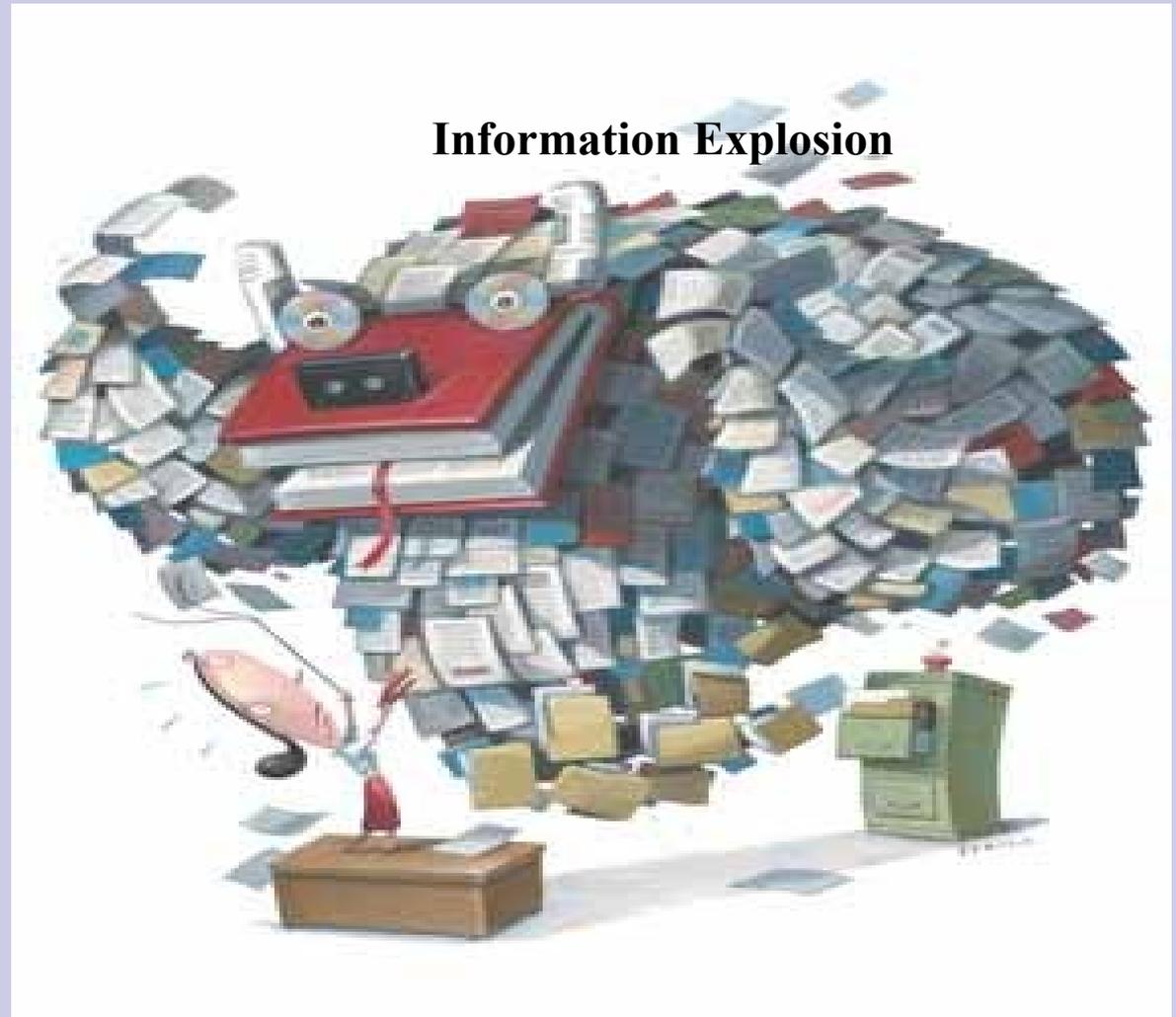


# **Overview :**

- **Introduction**
- **What and Why Resource Sharing**
- **Need and Objectives of Networking**
- **Library Networks in India**
- **Usefulness, Suggestions and Prerequisites for Networking**

# Introduction :

**In the age of information explosion Library has to play vital role to provide the required information to the end user with the use of Resource Sharing. To fulfill such requirement libraries should have networking.**



# What is Resource Sharing?

- **Resource means wealth of available study material and sharing means to give.**
- **To share everything globally with each other i.e. Resource Sharing**



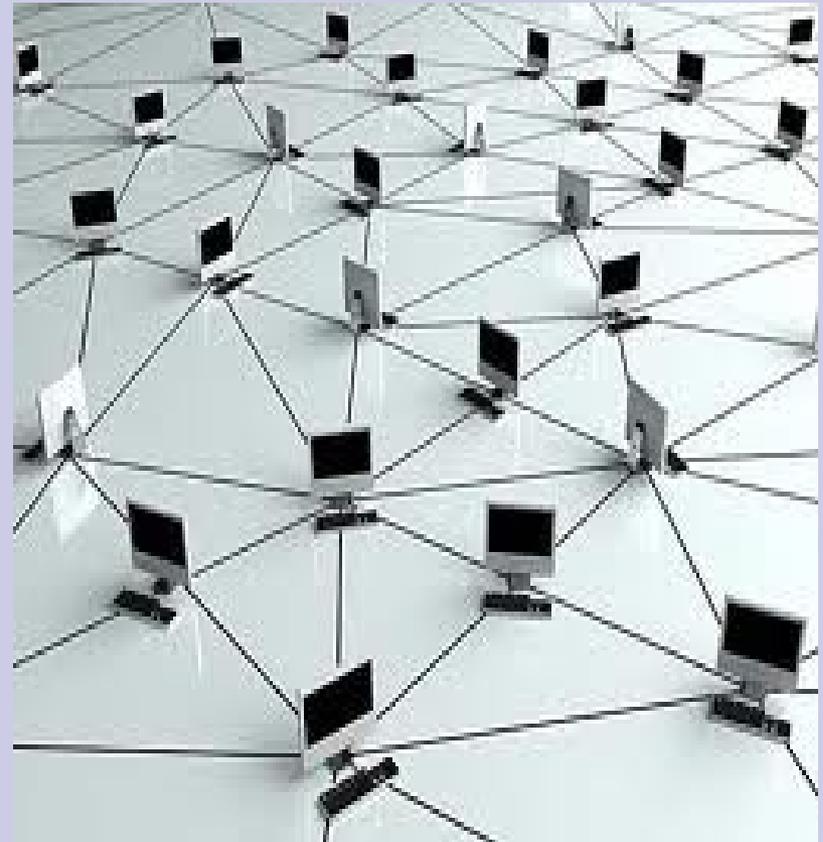


# **Why Resource Sharing ?**

- **Reading material can be accessed which are not available in our library**
- **To have access with different library**
- **To economize the cost**
- **Better interaction among libraries**
- **To save time, money, space and man power and effort.**

# What is Networking ?

- ❑ It is a group of individuals or organizations which are connected with each others.
- ❑ There is one server and many client for using same resources
- ❑ Library and Information Institutions are forming networks to achieve better resource sharing and provide better services to the users.





# **Needs of Networking in Engg. Colleges**

- 2. User can access the number of materials which is not possible manually**
- 3. It offers great potential and new areas of information sharing among engg. College libraries.**
- 4. Online access and dissemination is possible without physical presence in library**
- 5. E-journals, e-books and other documents can be accessed simultaneously.**
- 6. AICTE, NBA, GTU are giving waitage to the libraries who are using online resource sharing facilities through being a member of any consortium or having a membership.**



# Objectives for Networking

- To find out the availability of resources in different subject in the engg. College libraries in Gujarat State.
- Exchange or sharing of resources.
- To build bibliographical databases.
- To promote resource sharing.
- To build the database of final year projects, thesis, presented paper in seminar and conferences etc.. Which is very useful for all the students of engineering college of Gujarat state.
- To find out the IT facilities among member libraries.
- To develop the professional relation among librarians with providing best services with the help of resource sharing and networking of engineering college libraries.



# Fact Findings

- **There are existing 71 SFI Colleges, 11 newly approved colleges and 19 Government colleges in Gujarat.  
(Ref : jacpcldce.ac.in)**
- **Most of the colleges have good infrastructure of library and budget is also well.**
- **The collection of books and journals is in good numbers.**
- **Large collection of CD/DVD and other e material.**
- **Video Lectures**
- **Trained manpower and staff pattern**
- **Enough library funds and strong management.**



# Library Networks in India

- **LAN Networks : ADINET, MALIBNET, CALIBNET, PUNNET, BONET etc.**
- **WAN Networks : INFLIBNET, NICNET, DELNET, ERNET(DOE NET WORK), SIRNET (CSIR-INSDOC) etc.**



# What we can do ?

- It is suggested to every engineering college librarians to make automation of their library.
- The librarian and his staff should be well qualified and having a skill of computer basic.
- AICTE and GTU should insist to automate the libraries.
- GTU should establish the networking of engg. Libraries.
- GTU has to a make a plan to establish GELNET i.e Gujarat Engineering Library Network.



# **What questions to be in mind ?**

- **What benefits to the users?**
- **How it will be useful for library?**
- **Will the project save the money, effort, manpower?**
- **It would be easy to maintain?**
- **Modification and updation is possible?**
- **Is there skilled and supportive staff available?**
- **Is there any copyright issues?**



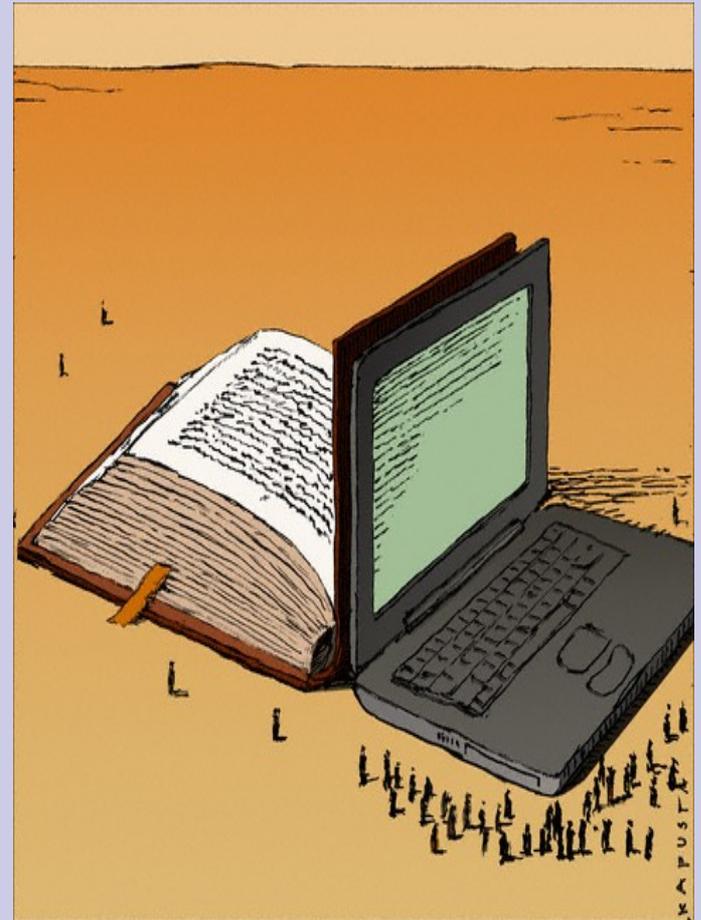
# Prerequisites for Networking

- Proper paper work should be there
- Agreement for implementing cooperation
- Agreement to share the materials with protocols and limitations.
- Methods of adequate delivery or resources to users
- Compatibility between the computing systems
- Standardization of policies and procedures across the network
- Adequate means of information dissemination
- Established and functioning communication links
- Deep study of copyright law

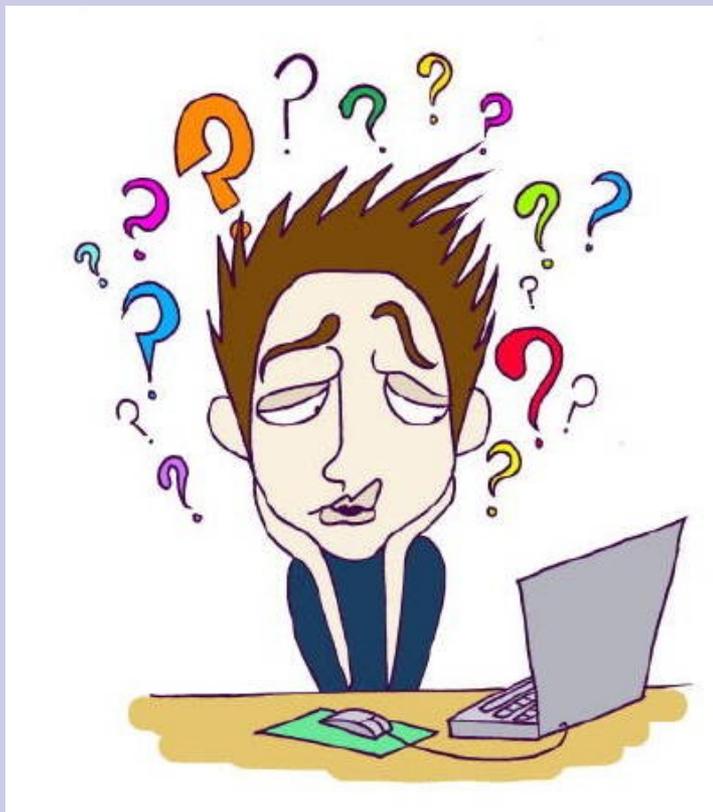
# Conclusion :

- ❑ Network Resource Sharing is an important factor in the era of information explosion
- ❑ Engineering Colleges of Gujarat can minimize their effort, cost and manpower if they plan to make networking
- ❑ GTU has to take initiative to make network and shared the resources of all the engineering colleges of Gujarat.
- ❑ If the plan will be success, the entire engineering colleges, their student, staff, management and librarian will get the maximum benefit for their own purposes.

**Move to changes and update yourselves**



# THANKS



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