

FUTURISTIC APPROACH TOWARDS LIBRARY SERVICES

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PROF. S.R. RANGANATHAN



- ❖ Prolific writer
- ❖ Researcher
- ❖ Mathematician
- ❖ Teacher
- ❖ Leader
- ❖ Institution himself
- ❖ Inspiration for generations

How would you define your library in a word or sentence?

What's library meant to you?



It's a matter of perception.

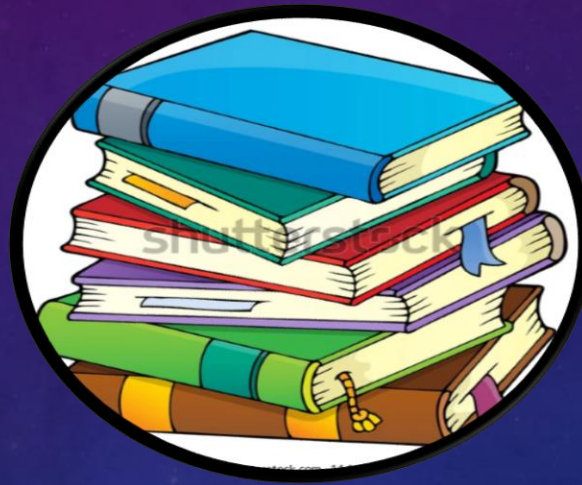


For some libraries are
information providers,
Information centers, for
some libraries are home, and
for some it's the end to their
loneliness.

CHANGING TRENDS IN LIBRARIES



Palm-Leaf Manuscript



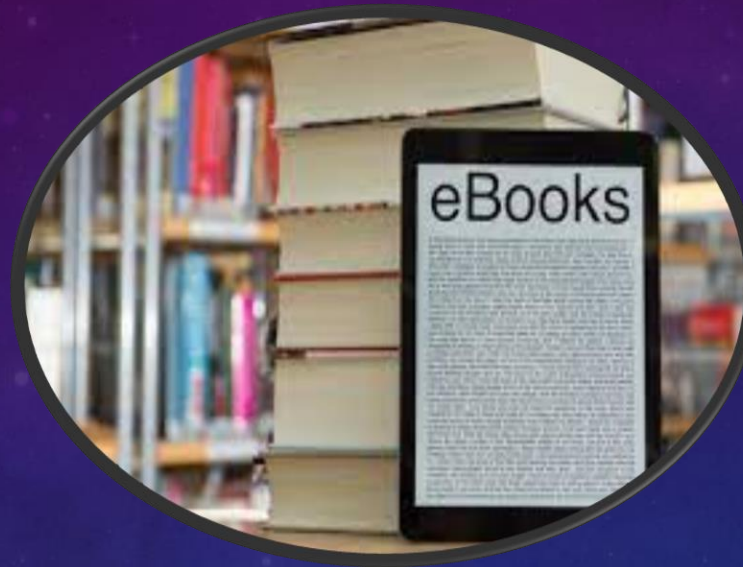
Paper Document/Books



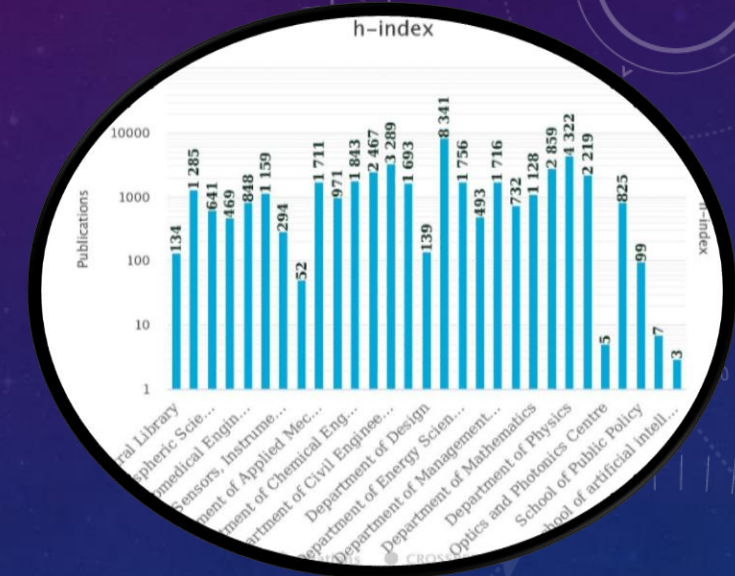
Internet/Computers



Human Interaction



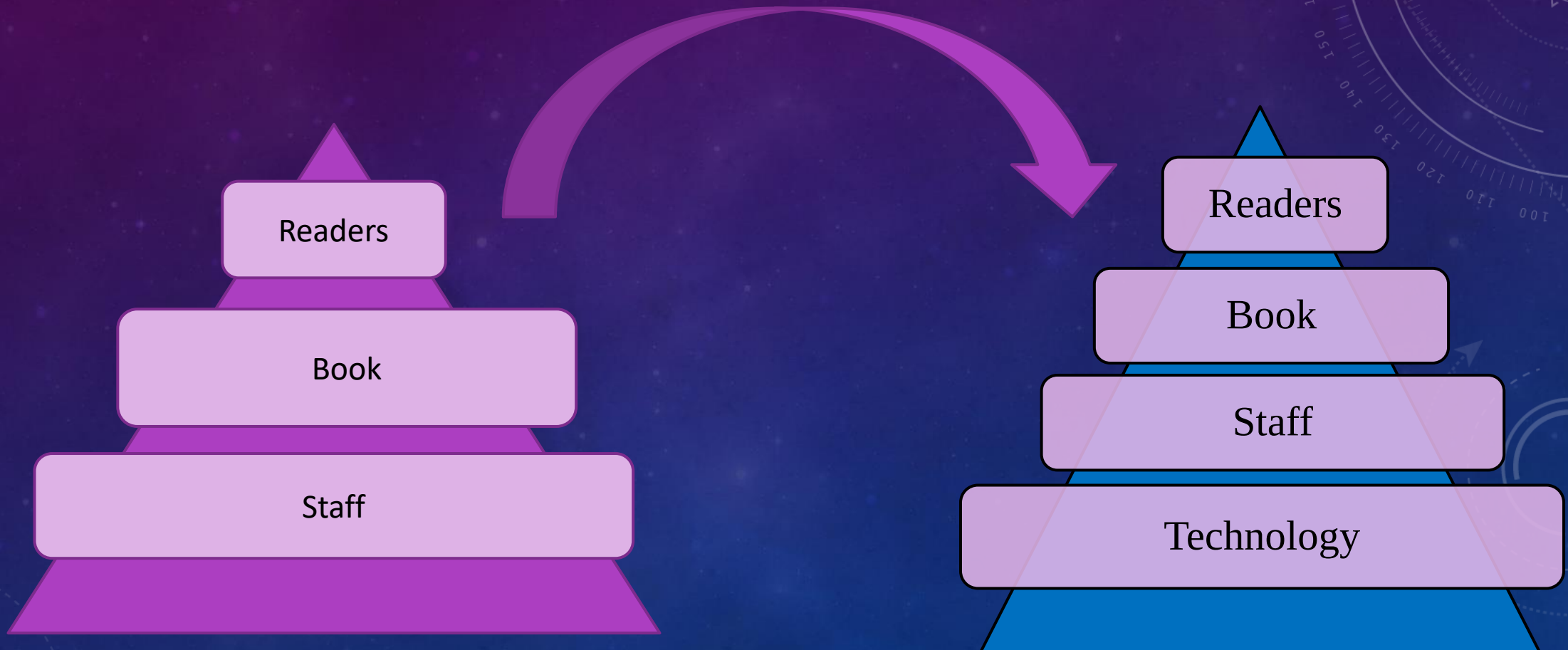
Digital Technology

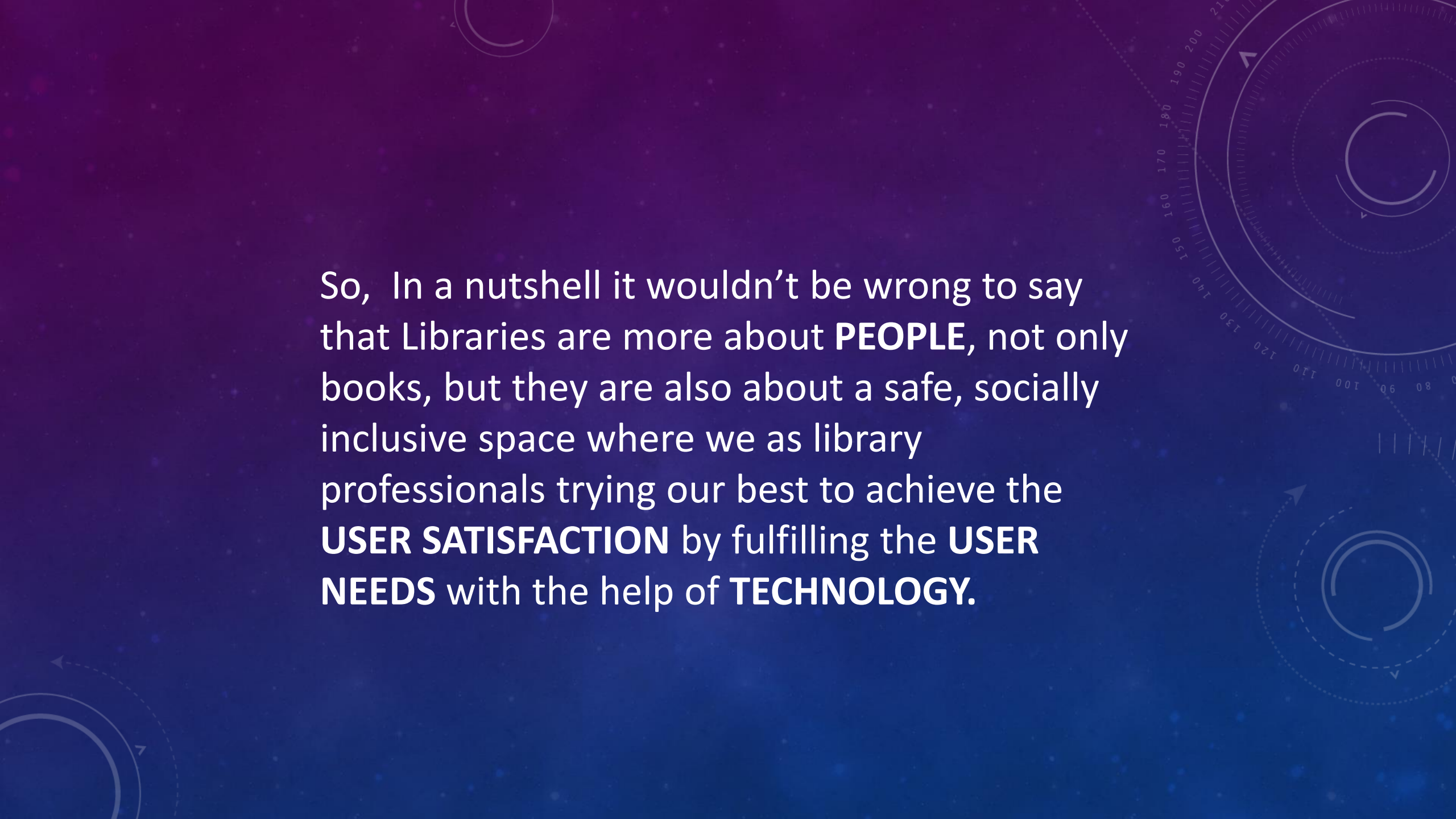


Data Evaluation

However, despite these adjustments, libraries' driving motivation has remained constant: a desire to assist in educating people so they can contribute effectively to a society that is changing quickly.

RANGANATHAN'S TRINITY CONCEPT





So, In a nutshell it wouldn't be wrong to say that Libraries are more about **PEOPLE**, not only books, but they are also about a safe, socially inclusive space where we as library professionals trying our best to achieve the **USER SATISFACTION** by fulfilling the **USER NEEDS** with the help of **TECHNOLOGY**.

3C's of Libraries

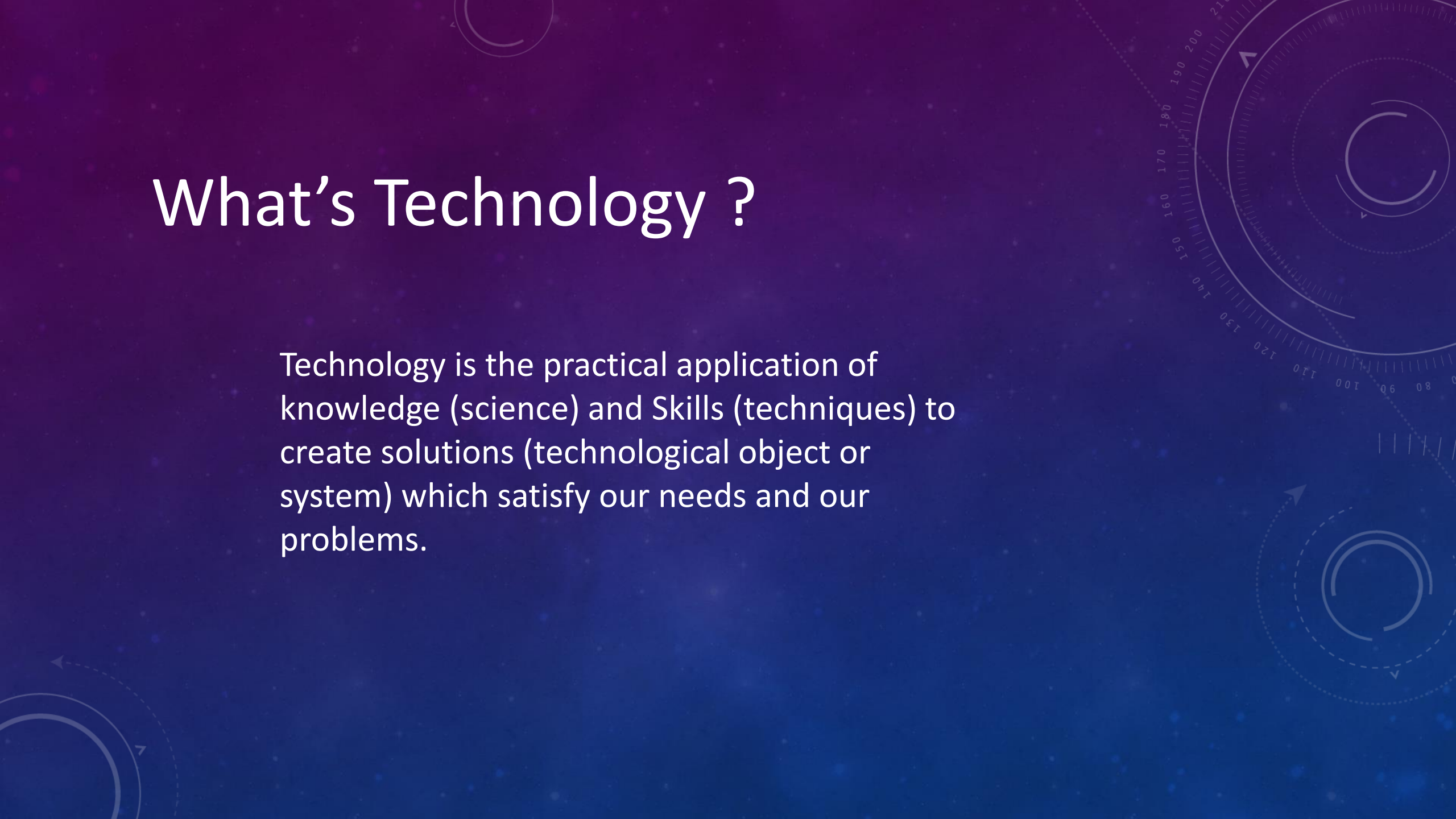
Communicate for better connection , connect to maintain the communication , and collaborate for the creation of new knowledge.

These 3C are interdependent components of any library whether its an academic , Public or a special library. We need to follow these C.



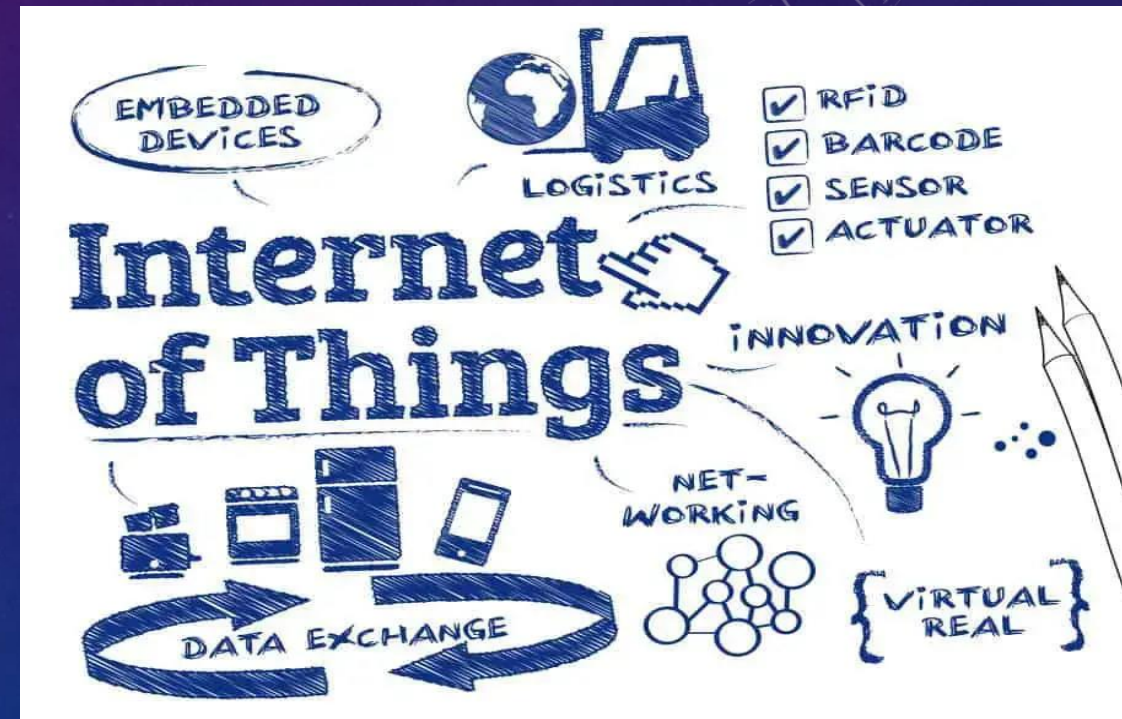
What's Technology ?

Technology is the practical application of knowledge (science) and Skills (techniques) to create solutions (technological object or system) which satisfy our needs and our problems.



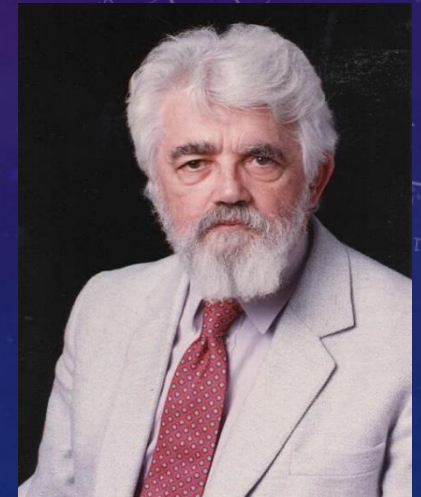
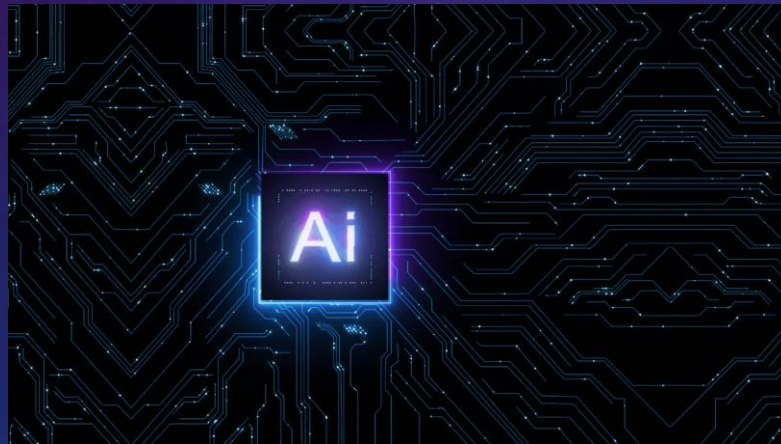
INTERNET OF THINGS

IoT is a network of interconnected computing devices, mechanical and digital machines, objects, animals, or people who can exchange data over a network without requiring human-to-human or human-to-computer interaction.



ARTIFICIAL INTELLIGENCE

AI was first coined decades ago in the year 1956 by John McCarthy at Dartmouth conference; he defines AI is the science and engineering of making intelligent machines.



John McCarthy
Father of AI

Book-O-Mat



TEMI - THE SMART LIBRARY ASSISTANT

Library: Nanyang Technological University, Singapore

AI tool: Temi – The smart library assistant



AI TOOLS



Library: The Yamanaka public library's

Robot: Pepper

Usage: for displaying library guidance

Library: The library of Konan University

Robot: AnSan

Usage: for the reference service



AI TOOLS



Library: The Temasek Polytechnic Library

Robot: Robbie and Bobbie

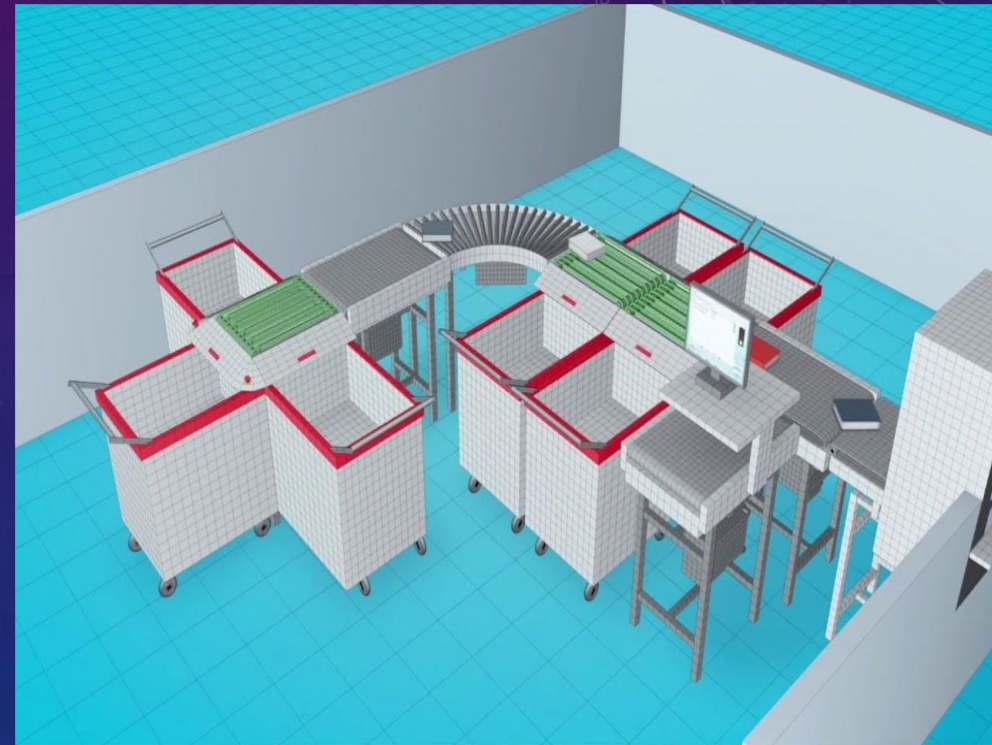
Usage: scan over 32000 pages per day
can deliver materials such as newspapers,
magazines, and brochures, as well as welcome and
direct users to various locations

KINETIC BIKES IN THE LIBRARY



Chelmsford Public Library, US

FLEX- AMH BULKSEPARATOR



Forsyth County Library, United States

CONCLUSION

We are living in digital era where change with each passing moment becomes the rule of the nature , Libraries aren't exception they have undergone significant changes.

They are now referred to as learning centers that are seamlessly integrated into the teaching and learning activities of the institution. The social integration of individuals into student communities has been shown to be a key success factor for individual learning.

Libraries have taken over this function by allowing individuals to access necessary resources with ease by enabling staff , and users to work and use them more efficiently.

By embracing these advancements, libraries have a much higher chance of fostering a partnership between technology and their workforce that benefits each member of the library.

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NOTE- All the images in the slides have been taken from the google.

Thank You.