

Show & Tell Activity: Application of Discrete Structure in daily life:

Search Engine:

A search engine is a software or system designed to carry out web searches and retrieve relevant data from the vast amount of content available on the internet. It indexes information from web pages and organizes it to provide quick responses to user's queries. Examples includes Google, Bing etc. Search Engine use algorithm to rank and sort search results to ensure users get the most relevant results based on their queries.

Algorithm:

Discrete structure are foundational to computer science and involve elements that are distinct and separate (e.g integers, graphs and

logical statements). They are essential for designing and understanding algorithms that operate on these structures. Here are some algorithms applications in daily life:

1. Web Search Algorithms
2. Data Encryption
3. Scheduling and Planning
4. Social Network
5. Computer Networking
6. Coding and Compression
7. Cryptographic Hash functions

Discrete Structure are crucial in developing algorithms that facilitate complex problem solving and efficient computation in various technological and practical applications in daily life.