What is Inter Process Communication? What are the different IPC mechanisms?

Inter-Process Communication (IPC) refers to the mechanisms and techniques used by operating systems to allow processes (running programs) to communicate and exchange data with each other. IPC enables processes to collaborate, share information, and synchronize their activities.

Different IPC Mechanisms:

- Pipes
- Message Queuing
- Semaphores
- Socket
- Shared Memory
- Signals